

NSS Report No. 493(59/18.1/1)

Livestock Ownership Across Operational Land Holding Classes in India, 2002-03

**NSS 59th Round
(January–December 2003)**



**National Sample Survey Organisation
Ministry of Statistics & Programme Implementation
Government of India**

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Preface

The survey of Land and Livestock Holdings carried out in the 59th round (January-December 2003) of the National Sample Survey (NSS) is the sixth in the series of similar surveys conducted so far by the NSS. In the 59th round, information on various aspects of ownership and operational holdings was collected for both rural and urban areas. Particulars of land owned, land leased out and leased in, and types and terms of lease formed the main body of information for the study of ownership holdings. For the operational holdings, data were collected on size, composition, tenurial form, land use, extent of irrigation, fragmentation of holding, drainage facilities and other related aspects. Finally, an inventory of livestock owned by the households on the date of survey was obtained.

The present report is the first of four reports to be brought out from the Land and Livestock Holdings Survey. This report presents estimates on various aspects of livestock and poultry owned by households in different size classes of operational holdings. Information on ownership of land and operation of land will be released separately in the other reports.

Like all regular NSS surveys, the geographical domain of the present survey covered practically the whole of India. Information was collected from a sample of 52,265 rural households and 29,893 urban households spread over 6553 villages and 3757 urban blocks through personal interviews. Each sample household was visited twice during the period of survey with a gap of four to eight months. Two different schedules of enquiry were canvassed in the two visits.

Chapter One of this report serves as the introduction. Chapter Two explains the concepts and definitions adopted in the survey. Chapter Three summarises the major findings of the survey on ownership of livestock and poultry. It also briefly traces the changing aspects of household operational holdings and their size distribution over the last four decades. Appendix A gives the detailed survey estimates at State/UT and all-India level. Appendix B explains the sample design and estimation procedure used for the survey. The schedules of enquiry used in Visit 1 and Visit 2 of the survey are given in Appendix C.

The Survey Design and Research Division of the NSSO undertook the development of survey methodology as well as drafting of the report. The fieldwork was carried out by the Field Operations Division of NSSO while the data processing and tabulation work was handled by the Data Processing Division of NSSO. The Coordination and Publication Division of NSSO coordinated various activities pertaining to the survey.

I am thankful to the Chairman and the Members of the Working Group for the NSS 59th round for their valuable guidance at various phases of work from designing of the schedules of enquiry to the preparation of this report. I am also thankful to the Chairman and the Members of the Governing Council of NSSO, for providing technical guidance at various stages of survey work.

I hope, the report will be useful to the planners and policy makers.

Comments and suggestions from readers will be most welcome.

New Delhi
January 2006

P.S.Rana
Secretary
Ministry of Statistics and Programme Implementation

Highlights

A sample of 52,265 rural households and 29,893 urban households was surveyed in the sixth Land Holding Survey of NSS, carried out in 2003.

- An estimated 69% of rural households and 11% of urban households operated some land during the kharif season of 2002-03.
 - As many as 79% of rural households in 2002-03 (kharif season) possessed land of size 1 hectare or less. About 32% possessed less than 0.002 hectare of land.
 - The *cattle* population in rural India, which was between 160 million and 170 million during the 20 years prior to 1991-92, declined to 154 million in 2002-03.
 - The *buffalo* population in rural India continued to grow from 69 million in 1991-92 to 76 million in 2002-03.
 - The stock of *poultry* in rural areas declined from 193 million in 1991-92 to 182 million in 2002-03.
 - The stock of *working cattle* in rural areas declined by 25% between 1991-92 and 2002-03, reflecting the falling importance of bullock power in cultivation and allied activities.
 - The stock of *in-milk cattle* in rural India showed a slight fall of about 2 million from its 1991-92 level of 30 million.
 - The number of *sheep and goats* in rural areas declined from 85 per 100 rural households in 1991-92 to 64 per 100 households in 2002-03.
 - The share of marginal holdings in total stock of in-milk bovines, which was only 20% in 1971-72, continued to rise from 44% in 1991-92 to 52% in 2002-03.
 - The share of marginal holdings in total poultry stock continued to grow from 55% in 1991-92 to 63% in 2002-03.
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Contents

Highlights	i
<i>Chapter One</i>	
Introduction	1
<i>Chapter Two</i>	
Concepts and Definitions	5
<i>Chapter Three</i>	
Summary of Findings	8
<i>Appendix A</i>	
Detailed Tables	A1 - A145
<i>Appendix B</i>	
Sample Design and Estimation Procedure	B1 - B10
<i>Appendix C</i>	
Schedule 18.1 (Visit 1 and Visit 2)	C1 - C14

Appendix A: Detailed Tables

<i>Table S1-R and S1-U</i>	
Number per 1000 of households reporting owning of livestock and poultry of different types for each State/UT	A1-A2
<i>Table S2-R and S2-U</i>	
Percentage distribution of land operated for farming of animals for each State/UT	A3-A4
<i>Table S3-R and S3-U</i>	
Number of cattle owned per 1000 households and its composition for each State/UT	A5-A8

<i>Table S4-R and S4-U</i>	
Number of buffaloes owned per 1000 households and its composition for each State/UT	A9-A12
<i>Table S5-R and S5-U</i>	
Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each State/UT	A13-A14
<i>Table 1R</i>	
Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding	A15-A28
<i>Table 2R</i>	
Percentage distribution of land operated for farming of animals for each size class of household operational holding	A29-A56
<i>Table 3R</i>	
Number of cattle owned per 1000 households and its composition for each size class of household operational holding	A57-A84
<i>Table 4R</i>	
Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding	A85-A112
<i>Table 5R</i>	
Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding	A113-A140
<i>Table N</i>	
Percentage of households in each size class of household operational holding	A141
<i>Table N-E</i>	
Estimated number of households (00) in rural areas of 27 States by size class of household operational holding	A142-A143
<i>Table N-S</i>	
Number of households surveyed in rural areas of 27 States by size class of household operational holding	A144-A145

Chapter One

Introduction

1.1 General

1.1.0 The survey on Land and Livestock Holdings carried out in the 59th round (January-December 2003) of the National Sample Survey (NSS) is the sixth in the series of similar surveys conducted so far by the NSS. The objective of these surveys has been to generate basic quantitative information on the agrarian structure of the country, which is relevant to land policy.

1.1.1 The present report is the first in a series of four reports to be brought out on the Land and Livestock Holdings survey. This report presents estimates on various aspects of livestock and poultry owned by households in different size categories of household operational holdings.

1.2 Background

1.2.0 The first survey on land holdings was taken up by the NSS in its 8th round (July 1954 - April 1955) as part of the World Agricultural Census initiated by the Food & Agricultural Organisation (FAO) of the United Nations. In this survey, information on (agricultural) holdings was collected primarily to meet the requirements of the FAO. In addition, information on household ownership holdings was collected to provide the policy framers with the much-needed data for formulating land reforms policy for the country. A similar survey was conducted again in the 16th (July 1960 - August 1961) and 17th (September 1961 - July 1962) rounds of the NSS as a part of the World Agricultural Census Programme of 1960.

1.2.1 Since then, the NSS has been regularly conducting land holdings surveys every ten years or so. The third land holdings survey of the NSS, conducted in its 26th round (July 1971 - June 1972), was conducted simultaneously with a survey on Debt and Investment at the instance of the Reserve Bank of India. Since then, this has been a regular feature of the rounds in which land and livestock holdings surveys have been conducted: the 37th round (January-December 1982), the 48th round (January-December 1992), and the present one.

1.3 Scope

1.3.0 In the Land and Livestock Holdings surveys of the NSSO, two types of holdings, namely, household ownership holdings and operational holdings, are enumerated by interviewing the sample households. Data are also collected on the livestock and agricultural

implements owned by households. In the present survey, however, data on agricultural implements of households were not collected, as this was being done in another NSS survey called “Situation Assessment Survey of Farmers”, carried out concurrently.

1.3.1 *Items of enquiry:* In the 59th round, information on various aspects of ownership and operational holdings was collected for both rural and urban areas. Particulars of land owned, land leased out, types and terms of lease formed the main body of information for the study of ownership holdings. Further, particulars of land leased in were also collected to ascertain the land possessed by households. For the operational holdings, data on size, composition, tenurial form, land use, extent of irrigation by sources, fragmentation of holding, drainage facilities and other related aspects of holdings were collected. An inventory of livestock owned by the households on the date of survey was also obtained.

1.3.2 *Geographical coverage:* The 59th round covered the whole of the Indian Union except

- (i) Leh (Ladakh) and Kargil districts of Jammu & Kashmir;
- (ii) Interior villages of Nagaland located beyond 5 km of a bus route;
- (iii) Villages in Andaman & Nicobar Islands which are inaccessible throughout the year.

1.4 Method of Data Collection

1.4.0 The information for Land and Livestock Holdings survey was collected from a sample of households by the interview method. Each sample household was visited twice during the period of survey with a gap of four to eight months. Two different schedules of enquiry were canvassed in the two visits.

1.4.1 *Survey period:* The survey period for the 59th round survey was the calendar year 2003. To reduce recall error, particulars relating to the entire agricultural year were collected by visiting each sample household twice during the survey period. The first visit to a sample household was made during the period January to August, while the second visit was made during the period September to December. The longer period for the first visit reflected the higher workload for the field staff during this visit compared to the second visit.

1.4.2 *Reference period:* Information on holdings operated during the *Kharif* season of the agricultural year 2002-03 was collected in first visit, and on holdings operated during the *Rabi* season, in the second visit. In addition, some general information on operational holdings with the agricultural year 2002-03 as the reference period was also collected in the second visit. This information did not, however, include the *area* of the operational holding with the entire agricultural year as reference period. Households have therefore been classified in this report, for the purpose of presentation of livestock data, by size of holding for the *Kharif* season (from data collected in the first visit), and not by size of holding with the entire agricultural year as reference period as was done in the 48th round. It may be noted that the data on livestock were collected during the first visit to the sample households.

1.4.3 *Sample design* : The sample design adopted for the survey was essentially a two-stage stratified design, with census villages and urban blocks as first-stage units (FSUs) for the rural and urban sectors respectively, and households as the second-stage sampling units (SSUs) in both the sectors. The selection of villages was done with Probability Proportional to Population (With Replacement), mainly based on the Census 2001 list of villages. The selection of urban blocks was done with Simple Random Sampling Without Replacement based on the Urban Frame Survey (UFS) conducted by the NSSO as an on-going activity. The details of sample design and estimation procedure adopted for the survey are given in Appendix B of this report.

1.4.4 *Sample size – first-stage units*: For rural India, 6760 villages formed the Central sample for this round. Of these, 6638 villages were ultimately surveyed. In the urban sector, the allocation for the Central sample was 3824 blocks of which 3764 were surveyed. This report is based on the estimates obtained from the Central sample alone. It is to be noted that most of the States and Union Territories participated in the NSS programme at least on an equal matching basis. The sample surveyed by the NSSO staff is known as “Central sample” and the sample surveyed by the State Government staff is termed “State sample”.

1.4.5 *Sample size – second-stage units*: 8 households were selected for survey from each sample village and urban block. In the Central sample, the actual number of households surveyed was 52265 in the rural sector and 29893 in the urban sector.

1.4.6 The total sample of first-stage units was drawn in the form of two independent and parallel samples termed sub-samples. Each sub-sample was drawn by the same sampling scheme. The present report is based on the combined estimates of the two sub-samples.

1.4.7 Table 1 shows the number of sample villages and blocks allotted for survey, and the number actually surveyed, as well as the number of households interviewed, in each State and Union Territory of the country.

1.5 **Contents of the Report**

1.5.1 The report contains three chapters including the present introductory chapter. Chapter 2 sets out the concepts and definitions adopted in the survey. Chapter 3 discusses the principal survey findings on livestock owned by the households along with some basic estimates of number of households and household operational holdings. Appendix A forms the main body of the report. It gives the survey estimates separately for different size classes of household operational holdings for rural areas of 27 States (Tables 1R to 5R), and in a more summarized form for the urban areas of the country and for rural areas of Delhi, Goa and the Union Territories (Tables S1 to S5). Appendix B gives a detailed description of the sample design and estimation procedure used for the survey. Facsimiles of the schedules of enquiry used in Visit 1 and Visit 2 of the survey are given in Appendix C.

1.5.2 The results presented in the report are mostly in the form of rates and ratios (percentages, averages, etc.). The basic aggregate estimates for the number of households (or household operational holdings) in each size class, provided in Table N-E of Appendix A, may be used to arrive at aggregate estimates of the relevant characteristics.

Table 1: Number of villages/blocks allotted and surveyed and number of households surveyed

State/UT	no. of villages		no. of blocks		sample households	
	allotted	surveyed	allotted	surveyed	rural	urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	432	432	244	244	3431	1946
Arunachal Pradesh	68	66	36	28	523	224
Assam	296	280	64	64	2200	512
Bihar	504	504	88	88	3980	704
Chhattisgarh	140	140	52	52	1098	415
Delhi	12	12	188	188	90	1417
Goa	12	12	16	16	96	128
Gujarat	172	172	160	160	1343	1270
Haryana	120	120	72	72	930	576
Himachal Pradesh	148	148	24	24	1152	192
Jammu & Kashmir*	196	119	100	53	919	415
Jharkhand	180	180	76	76	1417	604
Karnataka	256	256	196	196	2025	1556
Kerala	300	300	152	152	2230	1215
Madhya Pradesh	312	312	168	168	2454	1327
Maharashtra	424	424	424	424	3328	3361
Manipur	124	124	60	60	989	480
Meghalaya	92	92	36	36	731	288
Mizoram	68	68	68	68	536	544
Nagaland	48	48	16	16	384	128
Orissa	244	244	64	64	1939	511
Punjab	164	164	124	124	1291	990
Rajasthan	336	336	152	152	2638	1207
Sikkim	72	72	16	16	576	128
Tamil Nadu	412	404	408	403	3208	3221
Tripura	128	128	40	40	1024	320
Uttar Pradesh	852	852	336	336	6765	2668
Uttaranchal	56	56	32	32	416	256
West Bengal	504	504	296	296	4012	2363
A & N Islands	36	17	28	28	124	223
Chandigarh	8	8	28	28	64	224
Dadra & N. Haveli	16	16	8	8	128	64
Daman & Diu	8	8	8	8	64	64
Lakshadweep	8	8	8	8	64	64
Pondicherry	12	12	36	36	96	288
All India	6760	6638	3824	3764	52265	29893

*The large difference between the numbers of villages and blocks selected and the numbers surveyed in Jammu & Kashmir was mainly due to the disturbed conditions prevailing in the relevant areas.

Chapter Two

Concepts and Definitions

2.0 Major concepts and definitions of important terms used in the survey and relevant to this report are explained below:

2.1 *Household*: A household is a group of persons normally living together and taking food from a common kitchen. A boarding house, a hotel or a hostel was treated as a cluster of households, where each individual boarder formed a separate household. If, however, some persons among them normally pooled their income for spending, the group was treated as forming a single household. Barracks of military and paramilitary forces, orphanages and vagrant-houses were excluded from the scope of the survey.

2.2 *Operational holdings*: An operational holding is defined as a techno-economic unit wholly or partly for agricultural production (defined below) and operated (directed/managed) by one person alone or with the assistance of others, without regard to title, size or location. The holding might consist of one or more parcels of land, provided these are located within the country and form part of the same technical unit. In the context of agricultural operations, a technical unit is a unit with more or less independent technical resources covering items like land, agricultural equipment and machinery, draught animals, etc. Holdings used exclusively for livestock and poultry raising and for production of livestock and poultry products (primary) and/or pisciculture are considered as operational holdings whereas holdings put exclusively to uses other than agricultural production are not considered as operational holdings. Holdings operated by cooperative farms are also not considered as operational holdings.

2.3 *Agricultural production*: The extended definition of agricultural production, as adopted in the survey, includes growing of field crops, fruits, grapes, nuts, seeds, tree nurseries (except those of forest trees), bulbs, vegetables and flowers both in the open and in glass houses; production of coffee, tea, cocoa, rubber, forest production in parcels of land which form part of the enumeration holding and production of livestock and livestock products, poultry and poultry products, fish, honey, rabbits, fur-bearing animals, and silk-worm cocoons.

2.4 *Individual and joint holdings*: An operational holding managed by the members of a single household is taken as an individual holding and a holding managed by members of different households jointly is considered a joint holding.

2.5 *Parcel*: A parcel of an operational holding is a piece of land entirely surrounded by other operational holdings or by land not forming part of any operational holding. It might consist of one or more plots.

2.6 *Ownership of land*: (i) A plot of land was considered to be owned by a household if permanent heritable possession, with or without the right to transfer the title was vested in a member or members of the household. Land held in owner-like possession under long-term lease or assignment was also considered as land owned. Thus, in determining the ownership of a plot of land two basic concepts were involved, namely,

- (a) Land owned by the household, i.e., land on which the household had the right of permanent heritable possession with or without the right to transfer the title, e.g., *pattadars*, *bhumidars*, *jenmons*, *bhumi-swamis*, *rayat sithibans*, etc. A plot of land may be leased out to others by the owner without losing the right of permanent heritable possession.
 - (b) Land held under special conditions such that the holder did not possess the title of ownership but had the right to long-term possession of the land (for example, land possessed under perpetual lease, hereditary tenure and long-term lease for 30 years or more) was considered as being held under owner-like possession. In States where land reform legislation has provided for full proprietorship to erstwhile tenants, the latter were considered as having owner-like possession, even if they had not paid the full compensation.
- (ii) Sometimes a plot may be possessed by a tribal in accordance with traditional tribal rights from local chieftains or village/district council. Again, a plot may be occupied by a tenant for which the right of ownership vests in the community. In both the cases, the tribal or other individual (tenant) was taken as owner, for in all such cases, the holder had the owner-like possession of land in question.

2.7 *Lease of land*: (i) Land given to others on rent or free by owner of the land without surrendering the right of permanent heritable title is defined as land leased out. It is defined as land leased in if it is taken by a household on rent or free without any right of permanent or heritable possession. The lease contract may be written or oral.

(ii) Sometimes orchards and plantations are given to others for harvesting the produce for which the owner receives a payment in cash or kind. Such transactions were not treated as "lease" for the purpose of the survey.

2.8 *Otherwise possessed land*: This was understood to mean all public or institutional land possessed by the household without title of ownership or occupancy right. The possession was without the consent of the owner. Private land (i.e., land owned by the household sector) possessed by a household without title of ownership and occupancy right was not included in this category. All private land encroached upon by the household was treated as leased-in land.

2.9 *Homestead land*: (i) Homestead of a household was defined as the dwelling house of the household together with the courtyard, compound, garden, out-house, place of worship, family graveyard, guest house, shop, workshop and offices for running household enterprises, tanks, wells, latrines, drains and boundary walls annexed to the dwelling house. All land coming under homestead was defined as homestead land.

(ii) Homestead may constitute only a part of a plot. Sometimes, gardens, orchards or plantations, though adjacent to the homestead and lying within the boundary walls, may be located on a clearly distinct piece of land. In such cases, land under garden, orchard or plantation was not considered as homestead land.

2.10 *Cross-bred and non-descript cattle*: Cross-bred cattle are those which are produced by crossing the indigenous breed with the exotic breed, that is, the imported or foreign variety. (They are generally identifiable by the absence of the hump.) For the purpose of the survey, cattle of the exotic breed were also included among the “cross-bred”. All other cattle were considered as “non-descript”.

2.11 *Adult and young stock of cattle and buffaloes*: Among cross-bred cattle, those more than 28 months of age were considered adults. Other cattle and buffaloes were considered adult if over 3 years of age. However, a cow or buffalo already calved was considered adult irrespective of her age.

2.12 *In-milk and dry cattle and buffaloes*: The adult female population of cattle and buffaloes was classified according to lactation potential. Those which were in milk on the date of survey were counted in the *in-milk* class. Those which had calved at least once and were not in milk on the date of survey but had the potential of coming in milk in the future were counted as *dry*. Together, the *in-milk* and *dry* cattle and buffaloes constitute the *milch* animals.

2.13 *Other large heads*: These include yaks, *mithuns*, horses and ponies, mules, donkeys, camels and elephants.

2.14 *Ovines*: Sheep and goats are collectively referred to as ovine animals or ovines.

2.15 *Poultry*: This includes hens, cocks, chickens, ducks, turkeys, guinea fowls, etc. Chickens are the hens and cocks yet to start laying eggs or breeding.

2.16 Estimates of livestock and poultry include the young of each species.

Chapter Three

Summary of Findings

3.0.1 The Land and Livestock Holdings survey (LHS) of NSSO is one of the main sources of information on livestock and poultry held by the household sector of the economy. It also provides estimates of two basic distributions of land holdings, viz., distribution of land owned by households and that of agriculturally operated land. Information on ownership of land and on operation of land based on data collected in the 59th round will be presented separately in forthcoming reports. The present report gives the survey results relating to ownership of livestock and poultry classified by operated area of the household operational holdings.

3.0.2 This chapter summarises the major findings of the enquiry on ownership of livestock. To start with, the discussion briefly traces the changing aspects of household operational holdings and their size-distribution over the last four decades. The size and composition of livestock and poultry holdings of the households are then presented in some detail.

HOUSEHOLD OPERATIONAL HOLDINGS

3.1.1 A *household operational holding* includes all the operational holdings directed or managed by the members of the household. (For definition of an *operational holding*, see paragraph 2.2). A household operational holding covers all the individual operational holdings in their entirety and those parts of the jointly (with other households) operated holdings which are considered to be the share of the household.

3.1.2 As distinct from a *household ownership holding*, which is restricted to the area of land under the household's ownership, a *household operational holding* encompasses all land under physical possession of the household either owned, leased in or otherwise possessed. A household with the entire land and other assets for agricultural production under its possession was considered a household operational holding provided some agricultural production was carried out on any part of the land during the reference period. (For definition of *agricultural production*, see paragraph 2.3 of Chapter Two.) Households have been classified in this report, for the purpose of presentation of livestock data, by size of household operational holding for the *Kharif* season (from data collected in the first visit), and not by size of holding with the entire agricultural year as reference period as was done in the 48th round. It may be noted that the data on livestock were collected during the first visit to the sample households. Households undertaking no agricultural production during the reference period are referred to as *households operating no land* or *non-operating households*. In all the tables given in the Appendix, such households are included in the “nil” size class of household operational holdings.

3.1.3 The area possessed by an operating household is called size, or operated area, of the household operational holding. For the present report, in which area of the household operational holding is used only for classifying households and not for estimation of aggregate or average area operated, the area possessed by an operating household for the major part of the kharif season of the agricultural year 2002-03 was taken as the *size of its household operational holding*.

3.2 Estimates of number of household operational holdings: all-India

3.2.1 *Number of operating households*: Table 2 gives survey estimates of the number of holdings separately for rural and urban areas of the country. It is seen that of the 203 million households of the country¹, about 107.8 million operated some land during the kharif season of the agricultural year 2002-03. That means about 53% of the households of the country were engaged in agricultural production. Of the households operating some land (henceforth, called *operating households*), more than 94% lived in rural areas.

characteristic	rural	urban
1. No. of households (million)	147.84	55.51
2. No. of operating households (million)	101.75	6.06
3. Percentage of operating households	69%	11%

3.2.2 The remaining part of the discussion relating to household operational holdings deals with the rural sector only.

3.3 Trends in household operational holdings

3.3.1 Data on household operational holdings are collected regularly by the NSS since its eighth round (1954-55). So far, six land holding surveys have been conducted, including the present one. The results of these surveys form a useful series of data spanning a long period of time. The estimates of different rounds are on the whole comparable, except for those of

¹ The number of households enumerated by the 2001 Census (with a reference date of March 01, 2001) was 191.96 million (138.27 and 53.69 million in rural and urban areas respectively). *Source*: Census of India 2001, Series 1, *India: Tables on Houses, Household Amenities and Assets (H-Series, Housing Tables)*. New Delhi. 2003.

Table 3
Estimates of households and household operational holdings in rural India from land holding surveys of NSS: 1960-61 to 2002-03

Characteristic	<i>Rural</i>				
	1960 - 61 (17th)	1971 - 72 (26th)	1981 - 82 (37th)	1991 - 92 (48th)	2002-03 (59 th)
1. No. of households (million)	72.47	78.37	93.85	116.42	147.84
2. No. of operating households (million)	52.90	56.88	69.40	93.39	101.75
3. Percentage of operating households to all households	73	73	74	80	69
4. No. of sample villages	3,486	4,547	3,692	4,231	6784
5. No. of sample households	53,138	35,947	29,089	32,840	52,265

Sources of estimates of 17th, 26th, 37th and 48th rounds: NSS Report Nos. 144, 215, 338 and 408. Estimates for 59th round are based on the holdings reported for the kharif season.

the 8th round, which, due to differences in definitions, are not strictly comparable with subsequent rounds and are therefore omitted from the discussion which follows.

3.3.2 Regarding number of operating households, some clarifications are necessary. The data collected in the present survey permit identification of kharif and rabi holdings and computation of their size but not of holdings for the agricultural year. The estimates given here relate to the kharif season, and are expected to be slightly lower than figures for the agricultural year. (According to the 48th round survey, for instance, the number of kharif holdings was about 4% lower than the number of holdings for the agricultural year and the area operated was about 1% lower.) There is also a problem of comparison between the estimates of LHS of the 37th round (1981-82) and those of the other LHSs of NSSO. The estimates of the 37th round were generated only from the data collected for the major crop season. In contrast, the estimates of the 17th, 26th and 48th rounds were obtained directly from the data collected for the entire agricultural year. On this count, the estimates of operating households of the 37th round are probably low in comparison with those of the other LHSs. Similarly, the estimates of the 17th round are also likely to be on the lower side because of the exclusion of (a) pasture land only and (b) land exclusively used for livestock rearing, from the coverage of the survey. The estimates of absolute number of livestock, however, are not expected to be seriously affected by this.

3.3.3 Table 3 gives the basic estimates relating to household operational holdings of the last five LHSs of NSSO. The table also provides the sample sizes (at both stages) on which the estimates are based.

3.3.4 *Growing number of operating households* : According to NSS estimates, the number of operating households in rural areas has increased rapidly from 53 million in 1960-61 to

nearly 102 million in 2002-03. The growing pressure of population on land has led to continuing subdivision of household land holdings.

3.3.5 Proportion of operating households : The proportion of operating households in rural areas remained stable at around 73-74% during the period 1960-61 to 1981-82 according to NSS estimates. The estimate from the 59th round (based on kharif holdings only) is 69%. It appears likely (see paragraph 3.3.2 above) that the number of holdings for the entire agricultural year would be slightly higher, around 72% if the 96:100 ratio of kharif holdings to agricultural-year holdings, obtained for the 48th round, is maintained. This would mean that the percentage of operating households in 2002-03 was very close to the estimates obtained for 1960-61, 1971-72 and 1981-82. In the light of this, it appears that the figure of 80% for percentage of operating households obtained for 1991-92 (48th round) is possibly an overestimate.

3.4 Size distribution of household operational holdings: all-India

3.4.1 Changes in agrarian structure are reflected in the size distribution of land holdings. Changes in various aspects of size distribution of household operational holdings are, therefore, of considerable interest. In the detailed tables for rural areas given in the Appendix, 14 size classes have been used. In the present discussion of the changes in size distribution, the size classes are merged into six broad size classes. The first of these, called “nil”, relates to households that operated no land or operated a land of area not exceeding 0.002 ha during the reference period. The other five size-classes are formed along the lines adopted in the Agricultural Census of India. The *six* size groups are as follows:

nil	: operating no land or land of area 0.002 ha. or less
marginal	: 0.002 - 1.00 ha.
small	: 1.01 - 2.00 ha.
semi-medium	: 2.01 - 4.00 ha.
medium	: 4.01 - 10.00 ha.
large	: larger than 10.00 ha.

These size groups will henceforth be called *categories* of household operational holdings.

3.4.2 Growth of marginal holdings: The distribution of land holdings is characterised by predominance of marginal holdings. Table 4 reveals that, during the period 1960-61 to 2002-03, the proportion of households in the combined group of “nil” and marginal categories of household operational holdings has risen from 58% to 79%. During the 1970s and 1980s, the proportion of marginal holdings rose from 33% to 48%. In the last ten years prior to 2002-03, however, it is the proportion of “nil” (mainly, non-operating) households which has grown most sharply, from 22% in 1991-92 to 32% according to the present survey. Part of the difference is explained by the fact that the present survey, owing to certain data constraints, had to rely on the data of a single-season reference period for classification of operational holdings by size and thus missed those operational holdings which were operated during rabi

only. These households were classified under the “nil” category. They were likely to have marginal operated area as they did not own any animal (had they done so, they would have been categorized as operating households). This is corroborated by the fact that the proportion of marginal holdings is a little less in this round (see Table 3). According to the 48th round survey, there was a fall in the percentage of households in the “nil” category during the 1980s.

Table 4
Changes in size distribution of household operational holdings

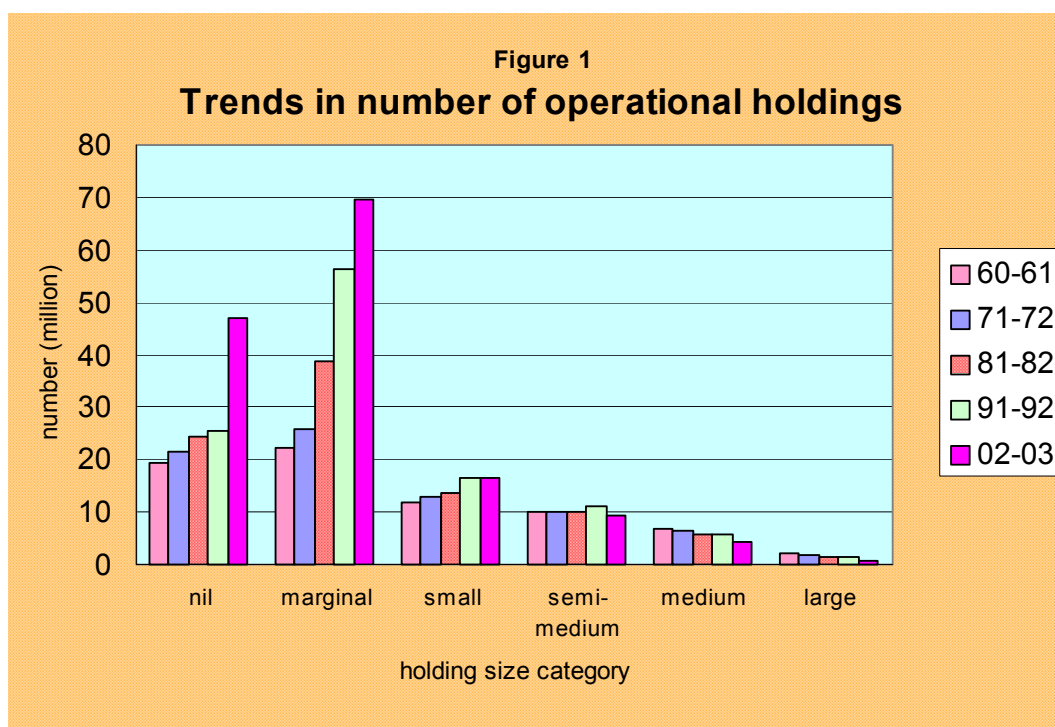
category of holdings	<i>Rural</i>				
	Percentage distribution of household operational holdings				
	1960-61 (17 th)	1971-72 (26 th)	1981-82 (37 th)	1991-92 (48 th)	2002-03 (59 th)
nil	26.9	27.4	26.1	21.8	31.9
marginal	30.7	32.9	41.1	48.3	47.1
small	16.2	16.4	14.5	14.2	11.2
semi-medium	13.8	12.9	10.6	9.7	6.2
medium	9.4	8.1	6.3	4.9	2.9
large	3.0	2.2	1.4	1.1	0.5
all sizes	100.0	100.0	100.0	100.0	100.0
estd. no. of household op. holdings (million)	52.90	56.88	69.40	93.39	101.75

Sources of estimates of 17th, 26th, 37th and 48th rounds: NSS Report Nos.144, 215,338 and 408. Estimates for 59th round are based on the holdings reported for the kharif season.

In general, there has been a progressively downward shift in the distribution of household operational holdings. The percentages of large, medium and semi-medium holdings have been declining steadily since 1960-61. The decline is steepest for the large holdings: from 3% to 0.5%.

3.4.3 *Number of household operational holdings:* The growing pressure of population on land and consequent subdivision of holdings is clearly reflected in the changes in the absolute numbers of household operational holdings in different size classes. Figure 1 shows the trends in number of household operational holdings in different categories during the period

1960-61 to 2002-03. It is seen that over the four decades, the numbers of household operational holdings in different categories have not changed at the same rate. The number of households in the “nil” category has grown from 19 million in 1960-61 to 47 million in 2002-03. Further, the growth in numbers in this category has been most rapid in the last decade. During the same forty years, the number of marginal holdings has grown more than threefold - from 22 million to nearly 70 million. The number of small holdings, too, has been increasing, though at a slower pace. As against this, the absolute numbers of large and medium holdings have declined steadily during this period.



LIVESTOCK HOLDINGS

3.5.1 In recent years, there has been renewed emphasis on promotion of diversified agricultural growth for income augmentation and employment generation. Animal husbandry and poultry farming are expected to play an important role in supplementing the limited income and employment opportunities in crop-production sub-sector of agriculture, particularly for the small and marginal holdings. This section deals with the trends in livestock and poultry holdings of households in different categories of household operational holdings.

3.5.2 To begin with, a comparison of the estimates of livestock and poultry populations based on the LHSs of NSSO may help in understanding the general nature of changes under way in the animal husbandry sub-sector of agriculture. Table 5 gives the estimated number (rural and urban) of principal kinds of livestock and poultry in India according to the last four LHSs of NSSO.

livestock/ poultry		no. in millions				<i>Rural & Urban</i>
		71-72 (26 th)	81-82 (37 th)	91-92 (48 th)	02-03 (59 th)	% of own- ing hhs (02-03)
1. cattle	Rural	169	161	169	154	36
	Urban	6	8	3	6	4
	Total	175	169	172	160	27
2. buffalo	Rural	48	64	69	76	21
	Urban	3	3	4	4	2
	Total	51	67	73	80	16
3. bovine (cattle+buffalo)	Rural	217	225	238	230	48
	Urban	9	11	7	10	5
	Total	226	236	245	240	36
4. sheep and goat	Rural	77	94	99	95	15
	Urban	3	9	5	4	2
	Total	80	103	104	99	12
5. pig	Rural	4	6	5	5	1.1
	Urban	0	0	1	0	0.2
	Total	4	6	6	5	0.9
6. poultry	Rural	79	135	193	182	15
	Urban	5	13	18	44	2
	Total	84	148	211	226	11

Note: Data on number of large heads other than cattle and buffaloes (including horses and ponies, mules, donkeys and camels) and number of rabbits are available in Table 5R and 5U of Appendix A. Some of the figures appearing in the last column are available in Table S1 of Appendix A, while some have been specially generated for this table and do not appear in Appendix A.

3.5.3 *Changes in number of livestock and poultry:* The last LHS of NSSO, conducted in 1991-92, noted an increase in absolute number of cattle, buffaloes and poultry during the 1980's, and a slowing down of the rate of increase of the sheep and goat population. Of the different categories studied, it was poultry that showed the highest increase from 1981-82 to 1991-92. Table 5 now shows that among the different kinds of livestock and poultry, only the

Table 6
Estimated number of cattle from different rounds of NSSO

Type of cattle	Rural number in millions			
	1971-72 (26 th)	1981-82 (37 th)	1991-92 (48 th)	2002-03 (59 th)
working	73	66	68	51
in-milk	27	19	30	28
others	69	76	71	75
total	169	161	169	154

Sources of estimates of 26th, 37th and 48th rounds: NSS Report Nos. 215, 338 and 408.

buffalo population has increased between 1991-92 and 2002-03 (from 69 million to 76 million) in rural India. The cattle population, though showing a rise in urban areas, has declined by 15 million in rural areas (from 169 million to 154 million). The increase in buffaloes and the offsetting decline in cattle has kept the bovine population as a whole more or less stable. The poultry population, though showing a sharp rise in urban areas, has declined from 193 million to 182 million in rural areas. However, the total stock of poultry in the country, like the stock of buffaloes, is higher in 2002-03 than it was in 1991-92. The ovine population (sheep and

goats) in rural India has fallen to 95 million in 2002-03 from 99 million in 1991-92 and, like the stock of cattle, is lower than it was in 1981-82.

3.5.4 Changing composition of cattle population: While collecting particulars of livestock holdings, the cattle and buffaloes owned by a sample household were classified according to their sex, age and use. The adult (more than 28 months if crossbred cattle, more than 3 years otherwise) male population were classified into four classes viz. “for breeding only”, “for work only”, “for both breeding and work” and “others”. The adult female population, on the other hand, was classified according to their lactation potentials. Among the cattle and buffaloes, those which were in milk on the date of survey were counted in the *in-milk* class. Those which had calved at least once and were not in milk on the date of survey but had the potential of coming in milk in the future were counted as *dry*. The combined class of *in-milk* and *dry* cattle and buffaloes is called the *milch* animals. The rest of the adult female cattle and buffaloes were grouped in the *others* class. Table 6 gives the estimated number of *working* and *in-milk* cattle in rural India according to the last four LHSs of NSSO.

3.5.5 The fall in the stock of working cattle as a consequence of mechanisation in agriculture, noted in the last LHS, has evidently progressed further since 1991-92. The stock of working cattle in 2002-03 stood at 51 million, down from 68 million in 1991-92 (Table 6). The drop reflects the falling importance of bullock power in crop cultivation and other allied activities. The number of *in-milk* cattle, too, had declined from 27 million in 1971-72 to 19 million in 1981-82. The following decade, the 1980s, had seen a substantial growth of dairy farming and an increase in the proportion as well as absolute number of in-milk cattle in the total cattle population. The increase in number of in-milk cattle, however, has evidently not continued in the last decade, the number standing at 28 million according to the current survey compared to 30 million in 1991-92. The possibility of some extent of under-enumeration cannot, however, be ruled out.

3.6 Livestock and size of holding

Table 7
Changes in the *in-milk* bovine stock per 100 households by category of household operational holdings

category	<i>Rural</i>			
	<i>in-milk</i> bovine stock per 100 hhs			
	1971-72 (26 th)	1981-82 (37 th)	1991-92 (48 th)	2002-03 (59 th)
nil	16	7	6	1
marginal	33	28	41	40
small	64	48	69	63
semi-medium	92	74	80	84
medium	142	106	102	126
large	225	153	130	208
all	54	37	46	36

Sources of estimates of 26th, 37th and 48th rounds: NSS Report Nos. 215, 338 and 408.

source of milk supply. The number of *milch* cattle and buffaloes held by a household, therefore, represents the dairy-farming component of the livestock holding.² But, as the estimates for *dry* cattle and buffaloes are not available for the 26th round, the estimates of *in-milk* stock are used for studying the changes in the dairy farming activity. Table 7 gives the estimates of *in-milk* bovine stock per 100 households by category of household operational holdings of the last four LHSs of NSSO.

3.6.3 It is seen from Table 7 that the all-categories ratio of *in-milk* bovine stock to 100 households fell sharply from 54 in 1971-72 to 37 in 1981-82. This fall was partly recovered by a rise in the next decade and the ratio was estimated at 46 in 1991-92. However, the ratio has again declined to 36 in 2002-03.³

² Note that a major share of milk production in the country comes from the bovine stock. In 2001-02, bovine milk constituted over 95% of the total milk production. *Source: Department of Animal Husbandry and Dairying, Ministry of Agriculture.*

³ It must be remembered, however, that studying the number of *in-milk* animals as an indicator of the milk production potential of the cattle or bovine population has certain limitations. Strictly speaking, the lactation potential of the population primarily depends on the *milch* component of the stock. Assuming that there is no change in the average calving interval of an animal over the years, the effectiveness of studying the number of *in-milk* animals as an indicator of the lactation potential depends, additionally, on the validity of the assumption that the percentage of *in-milk* to *milch* animals remains more or less constant over the years. Further, it is to be noted that, with the sample households being surveyed during a period of 8 months only, the estimates of *in-milk* animals are likely to be affected by any seasonality that might exist in calving.

3.6.1 Mixed farming is a traditional practice in Indian agriculture. In particular, symbiotic operations of crop production and animal husbandry, especially dairy farming, have been practised widely in the past. The scale of operations carried out on a farm being closely related to the size of holdings, it is likely that the latter would have some bearing on the size of livestock reared on it. The recent changes in association between the size of holding and the number of different types of livestock and poultry are discussed in the following paragraphs.

3.6.2 *Changes in in-milk bovine stock:* The bovine population has a two-fold utility in non-mechanised farming. The male population serves as draught animals which are primarily used for crop cultivation and secondarily for transportation and other activities. The female population, besides being essential for breeding, is the major

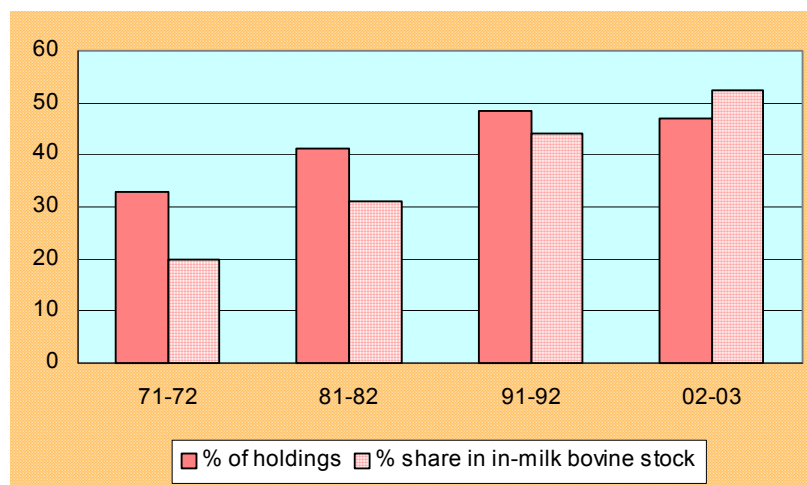
3.6.4 A strong positive association between *in-milk* bovine stock and size of household operational holdings emerges clearly from Table 7. The larger sized holdings, endowed with greater resources for fodder supply, investments and human labour time, could naturally maintain a larger bovine stock. The marginal and small holdings, on the other hand, with their limited resources, had fewer *in-milk* cattle and buffaloes on an average.⁴ The differentials in average stock of in-milk bovines between successive categories of holdings has become more pronounced during the 1990s according to the estimates for the 48th and the 59th rounds. In other words, a strengthening of the positive association between in-milk bovine stock and size of household operational holdings appears to have occurred in the decade prior to 2002-03.

3.6.5 *Rising share of marginal category in dairy farming:* Figure 2 shows the percentage shares of size categories of household operational holdings in the total *in-milk* bovine population. It is seen that the marginal and small categories form the core of the milk production sector. Taken together, they formed 58% of all holdings but accounted for as much as 71% of the *in-milk* bovine stock in 2002-03. It is also seen that there has been a substantial increase in the percentage share of the marginal category in the *in-milk* bovine population during the last thirty years. The percentage increased steadily from 20% in 1971-72 to 31% in 1981-82, then to 44% in 1991-92, and finally to 52% in 2002-03. The increase in the *number* of marginal holdings in percentage terms during this period was, as Figure 2 also shows, less steep: from 33% to 47%. The percentage of in-milk bovines in the small holdings category, on the other hand, has remained more or less constant at around 20% over the same period, while their number as a percentage of total number of holdings declined from 16% to 11%.

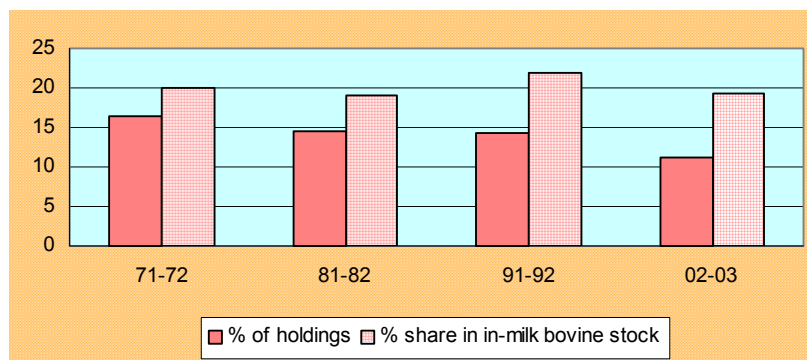
⁴ The low figure of 1 (per 100 households) in the “nil” category for the 59th round is due to the practice followed in this round of treating any household owning even a single bovine animal as an “operating” household. (This implies that the non-operating households have no bovines. See also the entries in the “nil” row of Table 3R, Appendix A.)

Figure 2

Changes in the percentage shares of marginal and small holdings in the in-milk bovine stock



marginal holdings



small holdings

3.6.6 In dairy farming activity, buffaloes yield higher returns as compared to cattle stock. Table 8 gives the percentage of *in-milk* stock separately for cattle and buffalo populations, as estimated from the last four LHSs of NSSO. It is seen that buffaloes have been used mainly for milk production. The *in-milk* stock accounted for a substantially higher proportion of the buffalo than of the cattle population. It is also seen that the proportion of in-milk stock among both cattle and buffaloes has not changed much over the last thirty years, and is tending to stabilize at 18% for cattle and about 33% for buffaloes.

3.6.7 *Increasing use of buffaloes in dairy farming:* The *in-milk* stock per 100 households by category of household operational holdings is given separately for cattle and buffaloes in Tables 9 and 10 respectively. These two tables bring out the growing use of buffaloes in dairy

Table 8
Percentage of “in-milk” cattle and buffaloes to respective total stocks

INDIA	Rural			
	71-72 (26 th)	81-82 (37 th)	91-92 (48 th)	02-03 (59 th)
cattle per 100 hhs:				
<i>in- milk</i>	34	20	26	19
all	216	172	143	104
% of <i>in-milk</i>	16	12	18	18
buffaloes per 100 hhs:				
<i>in- milk</i>	20	17	20	17
all	62	68	59	51
% of <i>in-milk</i>	32	25	34	33
% of buffaloes in in-milk stock	37	46	43	47

Sources of estimates of 26th, 37th and 48th rounds: NSS Report Nos. 215, 338 and 408.

Table 9
Changes in the *in-milk* cattle stock per 100 households by category of holdings

category	Rural			
	no. of <i>in-milk</i> cattle			
	1971-72 (26 th)	1981-82 (37 th)	1991-92 (48 th)	2002-03 (59 th)
nil	9	3	3	0
marginal	23	15	25	22
small	41	26	38	31
semi-medium	58	40	39	42
medium	86	54	43	59
large	140	86	43	111
all	34	20	26	19

Sources of estimates of 26th, 37th and 48th rounds: NSS Report Nos. 215, 338 and 408.

farming, especially in the holdings of higher size-categories. Besides the rise in the percentage of buffaloes in the *in-milk* bovine stock since 1970-71 (see last row of Table 8), the pattern and composition of *in-milk* bovine stock across the size-categories of holdings have undergone a considerable change. In the marginal category, the number of *in-milk* cattle per 100 households was more than the number of *in-milk* buffaloes throughout the two decades. The medium and large holdings, on the other hand, have shown a clear preference for buffaloes in dairy farming, their average stock of in-milk buffaloes exceeding their stock of in-milk cattle. Interestingly, in the small and semi-medium categories, the average stock of in-milk buffaloes appears to have drawn level in 2002-03 with the average stock of in-milk cattle, which it had earlier lagged behind consistently. In these

two size-categories, it can be seen that while the number of *in-milk* cattle per 100 households has definitely declined over the last three decades, the number of *in-milk* buffaloes per 100 households has remained more stable and appears to be increasing in the higher size categories.

3.6.8 *Change in ovine holding* : Table 11 gives the number of ovines (sheep and goats) held by different size-categories of holdings in 1971-72, 1981-82, 1991-92 and 2002-03. The overall ratio, which declined sharply from 105 per 1000 households in 1981-82 to 85 in 1991-92, has continued its downward trend and reached 64 in 2002-03. Like the *in-milk* bovine stock, the ratio of ovine stock per 100 households shows an increase with the size of holding. In fact, average ovine stock increases more sharply than does the stock of cattle or bovines as one moves up from semi-medium holdings to medium, and again as one moves

Table 11
Changes in ovine stock per 100 households by category of household operational holdings

category	Rural			
	no. of ovines per 100 hhs			
	71-72 (26 th)	81-82 (37 th)	91-92 (48 th)	02-03 (59 th)
nil	45	37	20	4
marginal	68	98	81	84
small	102	120	115	90
semi-medium	160	147	131	99
medium	251	240	166	162
large	256	505	375	424
all	99	105	85	64

Sources of estimates of 26th, 37th and 48th rounds: NSS Report Nos. 215, 338 and 408.

Table 10
Changes in the stock of *in-milk* buffaloes per 100 households by category of household operational holdings

category	Rural			
	no. of "in-milk" buffaloes			
	71-72 (26 th)	81-82 (37 th)	91-92 (48 th)	02-03 (59 th)
nil	7	4	3	0
marginal	10	13	16	18
small	23	22	31	32
semi-medium	35	34	41	42
medium	56	51	59	67
large	85	67	87	97
all	20	17	20	17

Sources of estimates of 26th, 37th and 48th rounds: NSS Report Nos. 215, 338 and 408.

from medium to large holdings. In the years since 1991-92, the average stock per 100 households has declined in all the size-categories except two: the marginal and the large holdings, where it has risen slightly. Among the "nil" category, too, ovine stock per 100 households has declined steadily during the three decades.

3.6.9 *Pigs*: Traditionally, piggery has been an occupation of the scheduled tribes and other economically backward households. The estimates of pigs per 100 households by size-category of holdings are given in Table 12. In 1971-72, the activity of pig rearing was more prevalent in the lower categories. The 48th round estimates indicated that during the 1980s, the practice of pig rearing was beginning to grow among the larger holdings. The estimates of the present survey, however, do not suggest that this trend has been sustained. It is, rather, the marginal holdings

which show some stability, and perhaps an increase, in pig-rearing activity.

3.6.10 *Poultry farming*: It was noted earlier (paragraph 3.5.3) that according to the estimates of the current survey, there has been a slight decline in the stock of poultry in rural areas, which has been compensated by a rise in urban areas since 1991-92, so that the poultry population as a whole has increased by about 15 million to a level of 226 million. With the increase in rural population and number of rural households, there has been a decline in the number of poultry per 100 rural households from 166 to 123. It is clear from Table 13 that the decline has been spread over all the land holding categories from “nil” to semi-medium. In the two highest categories, viz., medium and large, there appears, on the other hand, to have been a growth in poultry farming, especially in the years after 1991-92.

Table 13 gives no consistent movement over the rounds in stock of poultry per 100 households for any category of household operational holdings. In the relevant detailed table in Appendix A, Table 5R: all-India (page A140), the estimates for the five highest size classes are obviously affected by sampling fluctuations. However, the broader categories used in Table 13 may not be affected greatly by these fluctuations.

Table 13
Changes in stock of poultry per 100 households
by category of household operational holdings

category	Rural stock of poultry per 100 hhs			
	71-72 (26 th)	81-82 (37 th)	91-92 (48 th)	02-03 (59 th)
nil	56	39	49	17
marginal	102	171	190	164
small	137	179	223	191
semi-medium	127	206	247	136
medium	129	180	141	278
large	118	311	174	457
all	101	144	166	123

Sources of estimates of 26th, 37th and 48th rounds: NSS Report Nos. 215, 338 and 408.

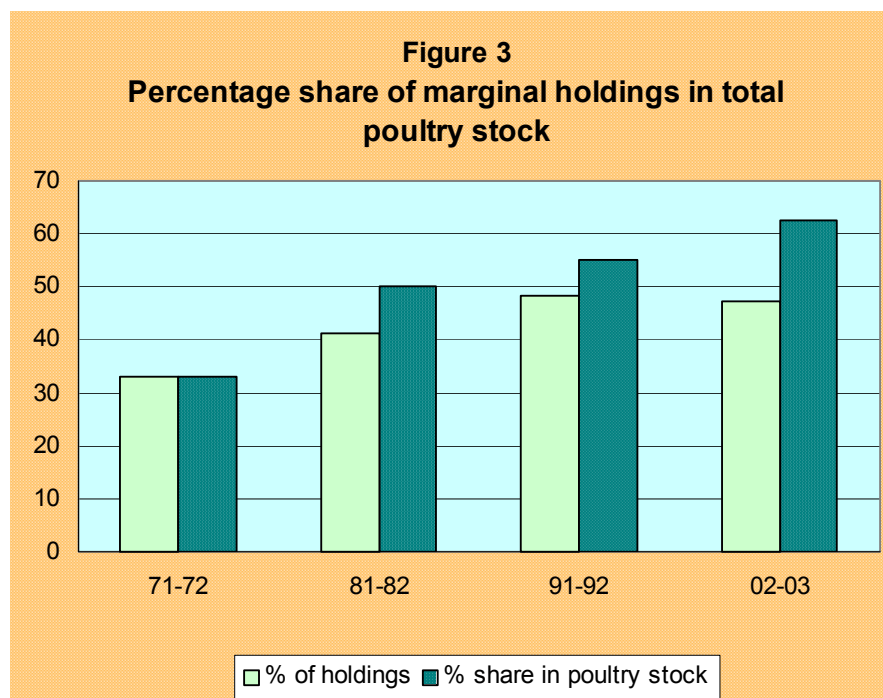
Table 12

Changes in stock of pigs per 100 households by
category of household operational holdings

category	Rural no. of pigs per 100 hhs			
	71-72 (26 th)	81-82 (37 th)	91-92 (48 th)	02-03 (59 th)
nil	5.2	2.2	2.0	0.3
marginal	3.2	7.7	4.3	5.3
small	5.9	8.0	6.0	3.5
semi-medium	4.4	4.0	6.0	2.9
medium	3.5	4.3	6.0	2.9
large	1.4	5.0	4.0	2.4
all	4.2	6.0	4.0	3.3

Sources of estimates of 26th, 37th and 48th rounds:
NSS Report Nos. 215, 338 and 408.

3.6.11 Figure 3 traces the growth in the share of marginal holdings in the total poultry stock of the rural sector since 1971-72. In 1971-72, marginal holdings constituted 33% of all households and also held 33% of the total poultry stock. Over the years, the proportion of marginal holdings grew, as has already been seen (paragraph 3.4.3) to 47 or 48 per cent. Growth in number of marginal holdings was most notable in the 1970s. By 1981-82 they formed 41% of all households and held one-half of the total poultry stock in rural India. Since then, while the proportion of marginal holdings has increased to 47 or 48 per cent, their share in the total rural poultry stock has increased to 55% in 1991-92 and again to 63% in 2002-03.



3.7 Changes in Livestock Holdings : Inter-state comparison

3.7.1 Table 14 gives the number of poultry and selected types of livestock per 100 households in 15 major States for 2002-03, 1991-92, 1981-82 and 1971-72, as obtained from the LHSs of NSS 59th, 48th, 37th and 26th rounds respectively. The types of livestock considered are: in-milk bovine, ovine and pig. Bovine stock is concentrated in the North Indian States of Punjab, Haryana and Rajasthan with more than 60 in-milk bovines per 100 households, ovines in Punjab and Andhra Pradesh, and piggery in Assam. Poultry farming is more widespread with Assam, West Bengal, Orissa and Kerala being the major States.

3.7.2 *In-milk bovine stock:* At the all India level, the average in-milk bovine stock per 100 households fell from 46 to 36 between 1991-92 and 2002-03. All the major States have contributed to this decline. The fall has been sharper in the States which have a low average stock of in-milk bovines, and relatively slight in Punjab and Uttar Pradesh (including Uttaranchal). As a consequence, the inter-State disparity in in-milk bovine stock, which had been seen to increase in the 1980s, has now deepened.

Table 14
Changes in number of livestock of selected types and poultry per 100 households in the major States

State	year	number per 100 households			
		in-milk bovines	ovines	pigs	poultry
ANDHRA PRADESH	02-03	23	67	1	77
	91-92	41	66	1	123
	81-82	33	74	4	170
	71-72	46	99	4	102
ASSAM	02-03	43	58	20	720
	91-92	57	81	18	669
	81-82	53	100	14	562
	71-72	63	58	12	384
BIHAR & JHARKHAND	02-03	29	45	5	79
	91-92	35	74	8	164
	81-82	23	98	8	121
	71-72	29	61	6	84
GUJARAT	02-03	52	58	0	52
	91-92	60	64	0	76
	81-82	53	107	0	72
	71-72	67	122	0	85
HARYANA	02-03	73	20	0	361
	91-92	92	25	1	25
	81-82	77	135	8	47
	71-72	85	51	4	18
KARNATAKA	02-03	40	55	1	70
	91-92	49	67	1	140
	81-82	49	83	1	117
	71-72	61	139	4	111
KERALA	02-03	12	13	0	149
	91-92	19	20	0	396
	81-82	18	39	3	309
	71-72	17	32	2	276
MADHYA PRADESH & CHHATTISGARH	02-03	42	51	2	108
	91-92	63	81	1	132
	81-82	46	80	9	101
	71-72	96	106	6	69

Sources of estimates of 1971-72, 1981-82 and 1991-92: NSS Report Nos. 215, 338 & 408.

Table 14 (contd.)

Changes in number of livestock of selected types and poultry per 100 households in the major States

State	year	number per 100 households			
		in-milk bovines	ovines	pigs	poultry
MAHARASHTRA	02-03	30	51	3	84
	91-92	42	73	3	192
	81-82	33	109	0	176
	71-72	49	128	0	137
ORISSA	02-03	13	48	2	151
	91-92	22	51	4	218
	81-82	22	92	9	188
	71-72	28	50	4	109
PUNJAB	02-03	94	14	0	138
	91-92	100	10	1	35
	81-82	90	63	1	177
	71-72	85	42	6	72
RAJASTHAN	02-03	67	299	0	24
	91-92	81	391	3	33
	81-82	64	449	1	24
	71-72	100	504	1	21
TAMIL NADU	02-03	18	66	0	108
	91-92	19	71	2	106
	81-82	19	94	1	139
	71-72	27	94	3	78
UTTAR PRADESH & UTTARANCHAL	02-03	48	56	3	16
	91-92	53	71	5	28
	81-82	42	65	6	24
	71-72	46	55	4	13
WEST BENGAL	02-03	25	56	4	227
	91-92	34	84	3	367
	81-82	22	108	7	240
	71-72	31	68	4	219
INDIA	02-03	36	64	3	123
	91-92	46	85	4	166
	81-82	37	105	6	144
	71-72	54	99	4	101

Sources of estimates of 1971-72, 1981-82 and 1991-92: NSS Report Nos. 215, 338 & 408.

3.7.3 Table 15 shows the changing composition of in-milk bovine stock in some important milk-producing States of the country, namely, Punjab, Haryana, Rajasthan, Gujarat and Uttar Pradesh (including Uttaranchal). These, along with Andhra Pradesh, are the only major States in the country where the number of buffaloes, in 2002-03, exceeded that of cattle in the *in-milk* bovine stock.

3.7.4 The rise in the average *in-milk* bovine stock during both the 1970s and the 1980s in Punjab and Haryana, in particular, was due to a progressive growth in the average number of *in-milk* buffaloes during this period. It can be seen from Table 15 that average stock of in-milk buffaloes in all the States shown, after registering a rise in the 1980s, has suffered a decline since 1991-92. In nearly all these States the average stock of in-milk buffaloes per 100 households is now nearer to its 1981-82 level. The exception is Rajasthan, where it has fallen only slightly in the years since 1991-92.

3.7.5 *Average ovine holding:* Table 14 also gives the changes in ovine holding per 100 households. It is seen that the fall in average ovine stock by about 25% (85 to 64 per 100 households) since 1991-92 has been spread over practically all the major States. The average ovine stock in Rajasthan, which has always been much higher than in other major States, has suffered a proportionate decline – from 391 per 100 households to 299.

3.7.6 Apart from Rajasthan, the average ovine holding was higher than the national average of 64 per 100 households in only two major States, Andhra Pradesh (67) and Tamil Nadu (66).

3.7.7 Interestingly, the average ovine holding is lowest in those major States where the standard of living in rural areas as measured by per capita consumer expenditure is highest, notably, Kerala, Punjab and Haryana⁵. According to the current survey, it has declined to 13-14 per 100 households in Kerala and Punjab and to 20 in Haryana.

3.7.8 *Poultry holding per 100 households:* The average size of poultry per 100 households in 15 major States is given in Table 14. For purposes of comparison with data of earlier rounds, the following pairs of States have been clubbed together: Bihar and Jharkhand, Uttar Pradesh and Uttaranchal, Madhya Pradesh and Chhattisgarh.

3.7.9 A proper assessment of trends at the State level is hampered by the existence of large sampling errors in the data on number of poultry owned by sample households.⁶ A simple calculation of sampling errors based on sub-sample-wise estimates (not presented in the report) reveals large sampling variation in the estimates for Punjab, Haryana and Bihar (relative standard errors exceeding 30%), and also in Madhya Pradesh and Kerala (RSEs exceeding 20%).

⁵ See, for instance, NSS Report No.505: Household Consumer Expenditure in India, 2002-03.

⁶ In the land holding surveys of NSSO, households are stratified for purposes of sample selection by size of land possessed. This procedure helps in getting a sample which appropriately reflects the variation in the population for some variables, such as number of cattle, which are correlated with size of land possessed, but not for variables such as stock of poultry, which bears little relation to land possessed.

Table 15
Changes in *in-milk* bovine stock per 100 households in selected States

State	year	<i>in-milk</i> cattle			<i>in-milk</i>	<i>Rural</i>
		cross-bred	others	all	buffalo	total
Punjab	02-03	14	10	24	70	94
	91-92	10	12	22	78	100
	81-82	7	16	23	67	90
Haryana	02-03	3	9	12	62	73
	91-92	4	17	21	71	92
	81-82	5	11	16	61	77
Rajasthan	02-03	2	29	31	36	67
	91-92	3	40	43	38	81
	81-82	9	26	35	29	64
Gujarat	02-03	2	15	17	35	52
	91-92	3	21	24	37	60
	81-82	10	10	20	33	53
Uttar Pradesh & Uttaranchal	02-03	2	16	18	30	48
	91-92	2	17	19	34	53
	81-82	5	8	13	29	42

Sources of estimates of 1971-72, 1981-82 and 1991-92: NSS Report Nos. 338 & 408.

3.7.10 Bearing this in mind, it may be inferred from Table 14 that the fall of about 26% (from 166 to 123 per 100 households) in average stock of poultry at the all-India level since 1991-92 has been spread over most of the major States. Assam alone shows an increase in

average stock of poultry (from 669 to 720 per 100 households) since the last LHS. Among the States which had a high average stock of poultry, West Bengal shows a definite decline since 1991-92 – from 367 to 227 per 100 households. For Kerala, though the sampling variation is large, both sub-samples yield estimates (not presented here) of less than 200 per 100 households as against the 1991-92 estimate of 396.

3.7.11 *Number of pigs per 100 households*: Table 14 also shows the changes in number of pigs per 100 households during 1971-72 to 2002-03 for 15 major States. In general, pig farming is not a widely practised activity. In 1991-92, there were on an average only 4 pigs for every 100 households in the rural areas. This has reduced further to 3 per 100 households in 2002-03. The only major State where it is found to be a practice of noticeable significance is Assam, where the average number of pigs appears to have increased, from 18 per 100 households in 1991-92 to 20 in 2002-03.

3.7.12 Appendix A gives the detailed tables based on the survey. Estimates are given separately for 14 size classes of household operational holding for rural areas of 27 States in Tables 1R to 5R. For Union Territories, urban areas of all States, and rural areas of Delhi and Goa, estimates are given for the State/UT as a whole (rural and urban separately), in Tables S1 (R&U) to S5 (R&U). Estimated numbers of rural households in different size classes of household operational holding are given in Table N-E (pages A142-A143), separately for each of the 27 States for which detailed rural tables are provided. The corresponding break-up of number of rural households surveyed by State and size class of household operational holding is given in Table N-S (pages A144-A145). The break-up of estimated number of households and number of sample households by State/UT for urban areas can be obtained from Table S5-U (page A14).

3.7.13 To keep the figures in the tables from getting unduly crowded, abbreviations have been used for names of States and Union Territories in the tables where these names appear in the left-hand column. The abbreviations are explained below:

AND	Andaman & Nicobar Islands	HP	Himachal Pradesh	ORS	Orissa
AP	Andhra Pradesh	J&K	Jammu & Kashmir	PON	Pondicherry
ARP	Arunachal Pradesh	JHK	Jharkhand	PUN	Punjab
ASM	Assam	KRL	Kerala	RAJ	Rajasthan
BHR	Bihar	KTK	Karnataka	SIK	Sikkim
CHH	Chhattisgarh	LAK	Lakshadweep	TN	Tamil Nadu
CHN	Chandigarh	MA	Maharashtra	TRP	Tripura
DA	Daman & Diu	H			
M		MA	Manipur	UP	Uttar Pradesh
DLI	Delhi	N			
DNH	Dadra & Nagar Haveli	MEG	Meghalaya	UTL	Uttaranchal
GUJ	Gujarat	MIZ	Mizoram	WB	West Bengal
HAR	Haryana	MP	Madhya Pradesh	IND	India
		NAG	Nagaland		



Appendix A

Detailed Tables



Appendix B

**Sample Design
and
Estimation Procedure**

Table S1-R: Number per 1000 of households reporting owning of livestock and poultry of different types for each State/UT

State/UT	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	ovine	fowl*, duck	other birds	pigs, rabbits
	cross-breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
AP	25	133	155	171	2	51	144	3	3
ARP	27	357	382	6	355	288	744	16	566
ASM	30	559	583	27	2	247	679	87	79
BIH	36	315	347	206	2	150	53	12	7
CHH	20	557	568	138	4	123	215	10	26
DLI	7	0	8	30	12	0	1	0	0
GOA	37	46	81	48	0	29	137	0	24
GUJ	26	285	301	362	9	106	60	5	0
HAR	70	174	227	589	30	22	17	4	3
HP	162	390	491	322	9	196	37	12	1
J&K	215	540	716	287	33	183	389	5	0
JHK	12	509	519	71	1	299	256	24	41
KTK	74	331	392	192	0	92	122	4	4
KRL	113	54	165	10	1	55	247	2	5
MP	19	536	550	240	3	127	60	5	5
MAH	71	294	340	140	1	135	130	4	3
MAN	41	109	143	38	0	22	583	1	227
MEG	6	234	240	12	1	108	673	4	274
MIZ	1	45	47	2	14	38	631	5	462
NAG	14	5	19	17	0	29	767	0	531
ORS	35	453	473	24	0	131	239	5	10
PUN	178	169	325	568	8	27	32	1	0
RAJ	31	426	448	411	39	415	40	7	1
SIK	56	486	540	9	0	295	472	5	166
TN	95	106	195	42	0	112	112	2	1
TRP	76	343	408	12	0	168	504	15	118
UP	37	337	366	443	5	197	30	8	6
UTL	30	626	643	355	8	180	60	0	1
WB	52	378	423	23	0	219	326	8	17
AND	55	229	278	40	0	99	422	0	45
CHN	16	28	44	91	0	0	0	0	0
DNH	34	356	390	8	0	42	250	0	0
DAM	0	34	35	23	0	21	34	0	0
LAK	0	90	90	0	0	390	360	0	0
PON	129	80	202	0	0	54	88	0	0
all-India	51	319	361	214	5	152	143	9	11

*includes hens, cocks and chickens

Table S1-U: Number per 1000 of households reporting owning of livestock and poultry of different types for each State/UT

State/UT	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	ovine	fowl*, duck	other birds	pigs, rabbits
	cross-breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
AP	3	9	11	14	0	2	21	0	0
ARP	4	46	50	1	13	97	264	30	130
ASM	37	30	64	0	0	17	110	10	6
BHR	17	30	45	28	3	39	23	3	2
CHH	1	82	83	15	0	10	33	1	15
DLI	2	0	2	2	0	0	0	0	0
GOA	0	0	0	0	0	0	10	3	46
GUJ	1	13	15	17	0	23	9	0	0
HAR	17	16	32	98	0	2	8	3	2
HP	17	29	46	46	0	11	10	0	0
J&K	33	54	87	8	6	13	129	11	0
JHK	8	24	31	4	0	38	21	9	15
KRL	8	22	26	11	0	4	16	0	1
KTK	27	27	54	2	1	25	117	6	0
MP	5	90	92	39	6	25	11	4	4
MAH	5	15	18	11	0	14	15	1	1
MAN	16	37	53	11	0	0	292	7	66
MEG	12	3	15	0	0	12	121	0	11
MIZ	0	3	3	0	0	0	301	0	321
NAG	4	0	4	0	0	37	232	0	89
ORS	12	81	88	1	0	10	33	1	0
PUN	13	28	42	73	1	4	6	0	0
RAJ	8	65	73	69	3	87	7	1	2
SIK	0	0	0	0	0	5	5	0	0
TN	12	10	21	2	1	12	27	3	1
TRP	23	19	42	0	0	1	36	0	6
UP	10	43	53	54	1	64	15	2	6
UTL	31	77	104	19	0	1	36	0	9
WB	13	34	45	4	0	25	36	4	1
AND	0	11	11	0	0	13	26	0	0
CHN	25	3	25	22	0	0	0	0	0
DNH	0	70	70	6	0	0	32	0	0
DAM	3	0	3	0	0	0	26	0	0
LAK	17	0	17	0	0	584	142	0	0
PON	9	6	15	1	0	1	52	0	0
all-India	9	28	36	22	1	23	23	2	3

Table S2-R: Percentage distribution of land operated for farming of animals for each State/UT

State/UT	% of area operated for farming of animals	percentage share of area operated							estd. no. (00) of hhs with plots for* animal farming	no. of sample hhs with plots for animal farming
		dairy	piggery	poultry/duckery	fishery	bee-keeping	farming of other animals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
AP	1.05	26.42	0.17	0.84	67.39	0.00	5.18	100.00	29580	873
ARP	1.07	84.92	4.18	2.80	1.81	0.00	6.29	100.00	64	27
ASM	2.62	43.41	1.69	39.06	11.44	0.00	4.41	100.00	8149	414
BHR	0.73	77.02	0.31	4.00	3.80	0.00	14.87	100.00	31340	1090
CHH	0.13	66.17	0.09	5.18	23.20	0.00	5.36	100.00	2183	81
DLI	1.30	100.00	0.00	0.00	0.00	0.00	0.00	100.00	90	9
GOA	3.47	53.43	11.23	31.98	0.00	0.00	3.36	100.00	149	11
GUJ	0.20	89.70	0.00	0.60	0.00	0.00	9.70	100.00	24027	567
HAR	1.00	96.74	0.01	0.49	0.00	0.00	2.75	100.00	19726	672
HP	0.41	77.90	0.00	0.00	5.30	0.00	16.80	100.00	675	75
J&K	1.04	93.12	0.00	2.38	0.00	0.00	4.50	100.00	5796	406
JHK	0.22	63.36	5.15	12.14	5.73	0.00	13.61	100.00	3421	157
KRL	0.39	55.57	0.26	7.08	4.36	0.00	32.73	100.00	21889	666
KTK	1.25	64.27	0.00	15.76	3.10	4.47	12.39	100.00	3579	160
MP	0.25	38.85	14.65	0.23	25.67	0.02	20.57	100.00	23108	599
MAH	0.19	63.18	0.25	10.27	0.00	0.00	26.30	100.00	23265	711
MAN	2.89	0.70	3.32	11.27	77.48	0.00	7.24	100.00	384	157
MEG	0.48	5.78	30.76	50.97	4.22	0.08	8.20	100.00	622	137
MIZ	2.07	0.25	2.54	2.61	94.61	0.00	0.00	100.00	77	55
NAG	0.17	5.72	20.02	74.12	0.00	0.14	0.00	100.00	143	60
ORS	0.59	55.72	1.58	4.84	27.00	0.00	10.87	100.00	7985	237
PUN	0.90	99.26	0.00	0.72	0.00	0.00	0.02	100.00	18582	812
RAJ	0.63	70.54	0.08	0.09	0.02	1.03	28.24	100.00	45496	1677
SIK	0.51	81.94	0.96	9.61	1.06	0.00	6.42	100.00	243	186
TN	0.76	75.76	0.16	8.19	0.00	0.00	15.89	100.00	25603	883
TRP	8.03	52.74	5.30	24.74	10.82	0.00	6.38	100.00	1303	225
UP	0.80	84.84	0.24	0.20	2.36	0.01	12.34	100.00	108473	3292
UTL	0.84	86.90	0.00	6.09	0.00	0.00	7.01	100.00	4159	138
WB	3.54	18.30	0.54	6.50	60.34	0.33	13.99	100.00	27394	968
AND	2.73	66.14	1.01	32.70	0.00	0.00	0.14	100.00	135	36
CHN	1.04	75.91	0.00	0.00	24.09	0.00	0.00	100.00	17	19
DNH	0.45	31.03	0.00	7.55	0.00	0.00	61.42	100.00	101	46
DAM	0.53	50.69	0.00	47.90	0.00	0.00	1.41	100.00	16	16
LAK	-	-	-	-	-	-	-	-	0	0
PON	2.33	97.49	0.00	1.36	0.00	0.00	1.15	100.00	166	27
all-India	0.72	55.87	1.16	6.58	22.65	0.26	13.49	100.00	437940	15489

* i.e., used mainly for animal farming

Table S2-U: Percentage distribution of land operated for farming of animals for each State/UT

State/UT	% of area operated for farming of animals	percentage share of area operated							estd. no. (00) of hhs with plots for* animal farming	no. of sample hhs with plots for animal farming
		dairy	piggery	poultry/duckery	fishery	bee-keeping	farming of other animals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
AP	1.05	17.30	0.00	1.27	80.05	0.00	1.38	100.00	1037	45
ARP	2.01	4.10	22.48	72.34	0.00	0.00	1.08	100.00	29	27
ASM	7.67	53.40	3.63	38.44	0.00	0.00	4.54	100.00	511	41
BHR	1.18	65.95	0.06	20.93	0.00	0.00	13.05	100.00	1096	66
CHH	0.68	20.13	0.00	67.31	0.00	0.00	12.56	100.00	272	19
DLI	5.24	100.00	0.00	0.00	0.00	0.00	0.00	100.00	78	10
GOA	1.30	0.00	100.00	0.00	0.00	0.00	0.00	100.00	50	1
GUJ	1.02	74.92	0.00	5.00	0.00	0.00	20.08	100.00	1658	46
HAR	1.03	97.06	0.00	0.31	0.00	0.00	2.62	100.00	1334	67
HP	0.37	59.16	0.00	0.00	0.00	0.00	40.84	100.00	52	4
J&K	2.31	48.55	0.00	51.45	0.00	0.00	0.00	100.00	396	57
JHK	2.20	70.11	3.18	5.93	0.00	0.00	20.77	100.00	373	45
KRL	0.27	80.73	0.00	16.99	0.00	0.00	2.28	100.00	889	42
KTK	1.84	66.72	0.00	25.20	3.75	0.00	4.33	100.00	688	51
MP	3.00	95.46	0.26	1.95	0.00	0.00	2.33	100.00	2717	115
MAH	0.28	54.12	0.18	20.19	0.02	0.00	25.49	100.00	2091	77
MAN	10.35	0.40	2.10	4.32	93.18	0.00	0.00	100.00	98	45
MEG	10.21	24.26	0.00	74.96	0.00	0.00	0.78	100.00	43	14
MIZ	2.21	1.41	18.37	17.58	62.63	0.00	0.00	100.00	101	93
NAG	1.41	9.92	38.56	45.55	0.00	0.00	5.97	100.00	72	14
ORS	2.61	94.95	0.00	4.42	0.00	0.00	0.63	100.00	750	37
PUN	2.73	42.46	0.00	57.19	0.00	0.00	0.35	100.00	1321	74
RAJ	0.42	88.02	0.02	1.37	0.00	0.00	10.59	100.00	3730	180
SIK	5.86	0.00	0.00	100.00	0.00	0.00	0.00	100.00	1	1
TN	1.31	38.59	0.39	51.29	0.00	0.00	9.73	100.00	1836	130
TRP	19.87	73.74	3.67	11.21	11.38	0.00	0.00	100.00	59	18
UP	1.03	81.14	0.58	1.02	0.86	0.01	16.39	100.00	6698	287
UTL	3.91	82.89	1.02	12.38	0.00	0.00	3.70	100.00	337	23
WB	6.31	53.11	0.11	11.86	17.78	0.00	17.13	100.00	2707	137
AND	6.89	4.66	0.00	84.67	0.00	0.00	10.67	100.00	4	5
CHN	2.34	100.00	0.00	0.00	0.00	0.00	0.00	100.00	65	13
DNH	2.01	100.00	0.00	0.00	0.00	0.00	0.00	100.00	3	3
DAM	1.70	0.00	0.00	100.00	0.00	0.00	0.00	100.00	4	3
LAK	3.40	0.00	0.00	0.00	0.00	0.00	100.00	100.00	9	6
PON	0.35	27.34	0.00	23.20	49.46	0.00	0.00	100.00	51	14
all-India	1.24	65.61	0.60	14.85	11.33	0.00	7.60	100.00	31161	1810

* i.e., used mainly for animal farming

Table S3-R: Number of cattle owned per 1000 households and its composition for each State/UT

State/UT	number of cattle owned per 1000 households																	total
	adult males						adult females						young stock					
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male	fe-male	all	
	cross-breed	others					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
AP	1	4	203	12	7	226	0	7	12	51	7	60	3	140	45	56	101	467
ARP	0	153	459	113	319	1044	6	148	10	138	1	60	304	667	273	246	519	2230
ASM	1	21	843	89	30	983	4	38	25	398	8	171	72	717	247	238	485	2185
BHR	3	17	211	9	8	247	1	7	19	154	9	82	4	276	93	119	212	735
CHH	0	15	698	111	35	858	1	59	11	219	8	314	61	674	372	365	738	2269
DLI	0	0	0	0	0	0	0	0	7	0	0	0	0	7	0	23	23	30
GOA	0	0	80	0	3	83	0	9	27	63	45	17	0	161	6	97	103	347
GUJ	0	4	328	52	5	388	0	4	16	153	10	100	2	286	64	130	194	868
HAR	2	0	85	7	1	94	3	1	28	87	23	37	0	179	85	97	182	455
HP	2	7	398	81	5	493	4	11	121	190	46	167	10	549	169	187	356	1398
J&K	1	1	399	151	2	554	3	23	191	350	24	170	4	765	308	395	703	2022
JHK	0	18	785	86	17	906	0	29	2	191	7	264	17	510	184	138	322	1738
KRL	1	6	390	45	10	452	0	31	51	160	14	127	15	399	99	138	237	1088
KTK	3	1	2	1	0	8	6	6	80	33	31	11	2	168	36	100	136	312
MP	1	16	586	42	25	670	0	49	8	296	7	401	39	799	268	348	615	2085
MAH	2	10	387	45	19	463	6	13	52	122	26	89	9	317	96	121	217	997
MAN	12	11	145	19	4	191	6	11	17	50	5	34	12	135	63	73	136	462
MEG	0	27	364	48	40	479	1	60	8	110	3	39	65	285	96	101	197	960
MIZ	1	10	114	2	1	129	1	7	1	17	1	5	0	33	7	20	26	189
NAG	4	1	13	14	0	32	15	0	21	2	4	1	0	44	5	10	15	91
ORS	1	12	590	34	13	650	1	11	13	117	7	235	5	388	151	161	312	1350
PUN	4	9	74	7	1	96	27	15	141	101	48	39	8	379	43	186	229	704
RAJ	1	7	235	52	4	299	2	28	21	286	16	265	10	629	173	243	416	1343

Table S3-R: Number of cattle owned per 1000 households and its composition for each State/UT

rural

State/UT	number of cattle owned per 1000 households																	total
	adult males						adult females						young stock					
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male	fe-male	all	
	cross-breed	others					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
SIK	0	4	74	97	2	178	2	33	55	384	16	160	3	653	227	265	492	1323
TN	7	7	81	2	4	101	9	6	79	70	33	34	3	233	63	109	172	506
TRP	3	6	185	35	15	245	0	5	57	180	19	93	46	400	215	199	414	1059
UP	2	5	233	31	13	284	1	16	19	142	10	123	7	319	134	165	299	902
UTL	0	4	607	11	0	622	0	44	22	457	10	227	11	771	265	407	673	2066
WB	2	9	207	40	12	270	6	21	27	218	21	149	19	461	166	229	395	1126
AND	0	0	135	5	0	140	0	0	27	123	43	147	2	342	152	160	312	794
CHN	0	0	55	0	0	55	0	0	50	0	2	0	1	53	7	17	24	131
DNH	0	0	392	129	0	520	0	4	0	73	0	127	18	223	33	57	91	835
DAM	0	1	22	1	0	24	0	0	1	24	0	2	0	26	3	22	25	75
LAK	0	0	0	0	0	0	0	0	0	47	0	0	43	90	43	47	90	180
PON	0	0	26	5	0	32	12	9	119	51	57	25	4	276	73	99	173	481
all-India	2	9	309	35	12	367	3	18	33	158	16	138	13	380	129	167	296	1042

Table S3-U: Number of cattle owned per 1000 households and its composition for each State/UT

State/UT	number of cattle owned per 1000 households																	urban
	adult males						adult females						young stock			total		
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male		fe-male	all
	cross-breed	others					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		(17)	(18)
AP	1	0	10	0	1	11	0	1	1	4	2	1	0	10	1	3	3	25
ARP	0	15	39	0	24	78	0	6	0	41	0	0	0	47	27	40	67	192
ASM	0	1	5	0	0	6	0	0	154	17	0	13	2	186	68	212	280	472
BHR	0	0	2	0	0	2	0	0	20	27	3	16	2	69	8	18	26	96
CHH	0	0	37	0	0	37	0	46	0	37	0	102	0	185	42	52	93	315
DLI	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	2
GOA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUJ	0	0	5	0	1	6	0	0	0	27	1	18	0	46	4	5	9	60
HAR	0	0	2	0	0	2	0	1	12	10	5	0	0	28	8	10	18	48
HP	0	0	20	0	0	20	0	0	12	0	8	10	5	35	19	16	34	89
J&K	0	0	0	7	0	7	3	10	40	51	0	2	7	113	28	36	64	184
JHK	3	0	27	0	0	30	2	0	20	16	1	3	0	42	9	11	20	92
KRL	0	1	20	1	0	22	0	0	8	17	1	2	3	32	8	10	18	71
KTK	0	0	0	0	0	0	1	1	22	15	8	2	0	48	11	32	43	91
MP	0	8	40	2	1	52	1	16	4	47	1	61	3	133	48	63	112	296
MAH	0	0	19	5	0	23	0	0	9	7	2	2	0	21	5	8	13	57
MAN	0	0	51	0	1	52	0	0	5	3	0	4	0	12	35	24	59	122
MEG	0	0	1	0	0	1	0	0	12	2	12	0	0	27	0	6	6	33
MIZ	0	0	0	3	0	3	0	0	0	8	0	0	0	8	0	0	0	11
NAG	0	0	0	0	0	0	4	0	11	0	4	0	0	18	4	7	11	29
ORS	3	0	10	24	0	37	0	3	26	33	13	59	0	134	38	39	77	248
PUN	0	0	7	1	1	8	0	0	20	20	5	14	0	60	7	13	19	88
RAJ	0	0	2	0	0	2	0	5	14	42	13	38	1	113	38	37	75	190

Table S3-U: Number of cattle owned per 1000 households and its composition for each State/UT

State/UT	number of cattle owned per 1000 households																	urban	
	adult males						adult females						young stock			total			
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male		fe-male	all	
	cross-breed	others					cross-breed	others	cross-breed	others									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		(17)	(18)	(19)
SIK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TN	0	0	6	0	0	7	0	0	17	6	4	1	0	29	8	14	22	57	
TRP	0	0	0	0	14	14	0	0	33	17	0	3	0	53	16	40	56	123	
UP	0	0	7	2	1	10	0	0	14	30	1	13	2	60	21	42	62	132	
UTL	0	0	37	0	0	37	0	4	30	33	7	33	0	106	9	100	109	252	
WB	1	2	4	1	0	8	0	3	13	28	4	16	1	63	17	43	60	132	
AND	0	0	0	0	0	0	0	0	0	16	0	0	0	16	2	5	7	23	
CHN	0	0	1	1	0	2	2	0	30	12	1	2	9	57	4	83	87	145	
DNH	0	0	65	0	0	65	0	6	0	70	0	32	0	108	0	32	32	205	
DAM	0	0	0	0	0	0	0	0	3	0	3	0	0	7	3	7	10	17	
LAK	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	6	17	27	
PON	0	0	1	0	0	1	1	0	13	6	13	11	0	44	2	17	19	64	
all-India	0	1	11	2	0	14	0	2	12	19	3	13	1	50	13	24	37	101	

Table S4-R: Number of buffaloes owned per 1000 households and its composition for each State/UT

State/ UT	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
AP	7	16	1	5	30	11	166	90	8	276	57	109	166	472
ARP	1	1	0	2	3	9	0	0	4	12	0	0	0	16
ASM	1	31	3	0	35	0	6	3	0	9	5	3	8	52
BHR	3	10	1	2	15	14	127	76	1	218	37	99	136	369
CHH	8	213	23	0	244	1	40	32	2	76	28	23	51	370
DLI	0	1	0	0	1	0	36	1	0	37	9	10	18	57
GOA	4	120	16	0	139	1	250	0	0	251	3	89	92	482
GUJ	2	7	3	1	12	5	349	160	5	519	53	232	286	817
HAR	13	17	12	3	43	84	618	279	5	986	208	571	779	1809
HP	4	0	1	4	8	23	222	162	20	428	31	151	181	617
J&K	10	8	24	0	42	9	215	172	7	402	61	90	152	596
JHK	3	77	9	1	90	2	49	23	0	75	12	11	23	188
KRL	8	17	1	2	28	9	187	59	5	261	29	105	134	422
KTK	1	3	0	0	4	1	4	2	0	6	1	4	5	16
MP	5	21	6	5	37	16	171	152	5	343	75	124	199	580
MAH	5	13	2	3	23	8	126	64	3	201	18	56	74	298
MAN	0	31	16	1	48	1	7	5	0	13	4	6	10	71
MEG	6	22	13	11	53	10	12	6	7	34	5	3	8	96
MIZ	0	2	0	0	2	0	0	0	2	2	0	0	0	4
NAG	0	32	0	0	32	5	7	0	0	12	0	2	2	46
ORS	1	36	2	0	39	2	1	6	1	11	3	3	6	57
PUN	7	19	4	5	36	131	703	306	20	1161	152	528	680	1877
RAJ	5	10	5	7	27	38	361	268	3	669	110	340	450	1147

Table S4-R: Number of buffaloes owned per 1000 households and its composition for each State/UT

State/ UT	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
SIK	0	0	0	0	0	0	14	6	0	20	13	12	25	45
TN	3	4	0	1	7	7	35	15	0	57	14	27	40	105
TRP	2	5	6	0	13	0	0	3	0	3	0	0	0	16
UP	6	32	5	7	50	28	301	204	11	544	125	261	386	980
UTL	1	9	0	4	14	13	276	148	0	438	81	201	282	734
WB	1	29	1	3	34	0	4	8	1	12	3	3	6	52
AND	0	68	0	0	68	0	3	5	0	8	11	1	12	88
CHN	0	20	0	0	21	2	164	144	0	310	59	51	110	441
DNH	0	7	0	0	7	0	8	0	0	8	3	0	3	18
DAM	0	0	0	0	0	0	22	2	0	23	22	5	27	50
LAK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PON	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all-India	4	25	4	3	36	16	172	102	5	294	54	131	184	514

Table S4-U: Number of buffaloes owned per 1000 households and its composition for each State/UT

State/ UT	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
AP	2	6	1	0	9	0	17	2	0	18	4	11	15	43
ARP	0	4	0	0	4	0	0	0	0	0	0	0	0	4
ASM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BHR	1	0	0	0	1	0	34	9	1	43	9	10	19	63
CHH	0	4	0	0	4	0	14	8	0	22	2	16	18	44
DLI	0	0	0	0	0	0	13	2	0	15	2	1	3	18
GOA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUJ	0	0	0	3	3	1	17	9	0	26	2	2	4	34
HAR	5	6	0	0	11	29	113	45	0	187	38	54	91	289
HP	0	0	0	0	0	0	51	16	0	67	0	27	27	94
J&K	1	0	0	0	1	3	22	13	0	38	3	11	14	53
JHK	1	1	0	0	3	0	9	1	0	9	0	0	0	12
KRL	0	0	0	0	0	0	15	3	0	18	4	15	19	37
KTK	0	0	0	0	0	0	3	0	0	3	0	2	2	5
MP	2	0	0	1	2	6	43	29	2	80	20	22	42	124
MAH	0	0	0	0	0	1	20	4	1	26	6	8	14	40
MAN	0	12	0	1	12	0	0	0	0	0	5	0	5	17
MEG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORS	0	0	0	0	0	0	1	0	0	1	0	0	0	1
PUN	0	1	0	2	3	4	204	50	0	259	38	54	92	354
RAJ	1	0	0	0	1	2	86	37	0	125	13	53	66	192

Table S4-U: Number of buffaloes owned per 1000 households and its composition for each State/UT

State/ UT	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
SIK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TN	0	0	0	0	0	0	3	0	0	3	0	0	0	3
TRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UP	0	2	1	0	3	3	76	30	1	110	20	44	63	177
UTL	0	0	0	0	0	0	12	13	0	25	3	7	10	35
WB	0	0	0	0	0	0	7	3	0	10	1	4	4	15
AND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHN	3	0	0	0	3	0	98	24	0	123	41	8	49	175
DNH	0	0	0	0	0	0	0	23	0	23	0	0	0	23
DAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PON	0	0	0	0	0	0	2	0	0	2	1	0	1	3
all-India	1	1	0	0	2	2	33	11	0	47	8	15	24	72

Table S5-R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each State/UT

State/UT	no. per 1000 households of					estd. no. of hhs (00)	rural
	large heads*	sheep and goat	pigs	rabbits	poultry		no. of sample hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
AP	2	668	11	0	768	142409	3431
ARP	1341	854	1530	23	14355	1519	523
ASM	4	575	203	0	7204	41204	2200
BHR	5	331	22	1	328	116853	3980
CHH	27	595	44	11	2807	36316	1098
DLI	25	0	0	0	2	4057	90
GOA	0	88	144	0	1457	1859	96
GUJ	21	583	0	0	522	62452	1343
HAR	38	205	3	0	3613	31472	930
HP	15	1070	1	0	193	11961	1152
J&K	39	857	1	0	5523	10418	919
JHK	4	820	134	0	2258	36845	1417
KTK	0	552	14	1	698	69908	2025
KRL	2	128	0	18	1488	49944	2230
MP	7	474	17	0	407	94039	2454
MAH	1	506	32	2	844	118177	3328
MAN	0	123	594	1	9587	2685	989
MEG	1	338	603	0	8951	3401	731
MIZ	112	180	850	0	11781	942	536
NAG	0	90	1204	121	11020	973	384
ORS	0	477	19	0	1511	66199	1939
PUN	10	138	1	0	1375	29847	1291
RAJ	52	2991	1	1	239	70174	2638
SIK	0	891	215	0	3809	812	576
TN	1	662	3	3	1075	110182	3208
TRP	0	477	220	2	4413	5994	1024
UP	10	531	31	0	137	221449	6765
UTL	47	1077	1	0	505	11959	416
WB	1	565	39	2	2267	122002	4012
AND	0	374	57	0	5604	470	124
CHN	0	0	0	0	0	296	64
DNH	0	81	0	0	1538	402	128
DAM	0	22	0	0	291	272	64
LAK	0	933	0	0	1433	47	64
PON	0	284	0	0	255	838	96
all-India	10	642	33	2	1232	1478376	52265

* other than cattle and buffalo

Table S5-U: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each State/UT

State/UT	no. per 1000 households of					estd. no. of hhs (00)	urban
	large heads*	sheep and goat	pigs	rabbits	poultry		no. of sample hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
AP	0	11	0	0	100	50626	1946
ARP	34	291	323	0	4150	237	224
ASM	0	37	13	0	669	5175	512
BHR	3	106	11	0	96	14411	704
CHH	0	40	15	2	12697	6658	415
DLI	0	0	0	0	0	23796	1417
GOA	0	0	123	0	54	1587	128
GUJ	0	115	0	0	1060	35294	1270
HAR	0	3	3	0	13133	12139	576
HP	0	23	0	0	33	1533	192
J&K	9	30	0	0	1411	3217	415
JHK	0	111	31	18	202	9426	604
KTK	0	7	2	0	167	34771	1556
KRL	2	45	0	0	1450	17452	1215
MP	8	96	31	1	401	30125	1327
MAH	2	37	4	1	360	89343	3361
MAN	0	0	213	0	3458	1029	480
MEG	0	17	13	0	1082	627	288
MIZ	0	0	523	0	4376	577	544
NAG	0	111	219	0	3595	551	128
ORS	0	17	0	0	1165	10435	511
PUN	1	25	0	0	1050	16331	990
RAJ	7	320	33	0	71	21912	1207
SIK	0	11	0	0	22	132	128
TN	1	48	1	0	179	54595	3221
TRP	0	3	24	0	260	968	320
UP	5	127	5	3	90	62712	2668
UTL	0	1	63	0	178	3084	256
WB	0	70	2	0	311	41449	2363
AND	0	22	0	0	180	249	223
CHN	0	0	0	0	2	2949	224
DNH	0	0	0	0	258	43	64
DAM	0	0	0	0	315	135	64
LAK	0	1664	0	0	689	58	64
PON	0	2	0	0	286	1449	288
all-India	2	66	8	1	799	555075	29893

* other than cattle and buffalo

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Andhra Pradesh				rural					
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	1	1	53	0	1
≤ 0.002	0	162	162	160	0	339	505	0	0
0.002 - 0.005	6	247	253	379	0	240	236	0	18
0.005 - 0.040	61	61	257	431	0	96	291	14	41
0.040 - 0.5	30	96	125	273	0	66	195	6	4
0.5 - 1.0	82	287	369	310	1	113	283	6	0
1.0 - 2.0	40	376	404	380	2	110	293	3	0
2.0 - 3.0	62	459	509	456	0	112	233	1	0
3.0 - 4.0	18	627	645	385	5	151	256	19	0
4.0 - 5.0	60	442	474	665	0	252	216	0	0
5.0 - 7.5	51	633	684	796	0	193	426	25	0
7.5 - 10.0	339	457	796	623	0	9	21	0	0
10.0 - 20.0	55	912	912	865	164	429	0	0	0
> 20.0	0	1000	1000	132	0	0	0	0	0
all sizes	25	133	155	171	2	51	144	3	3
estd. no. of hhs	3492	18980	22104	24417	223	7330	20496	375	439
no. of sample hhs	103	602	691	786	5	210	552	11	12

Arunachal Pradesh				rural					
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	0	76	0	5
≤ 0.002	0	406	406	0	0	339	1000	298	77
0.002 - 0.005	8	538	546	0	398	354	931	11	699
0.005 - 0.040	0	0	691	0	550	713	898	0	996
0.040 - 0.5	87	301	381	0	307	163	683	0	591
0.5 - 1.0	26	393	419	15	413	338	879	0	624
1.0 - 2.0	21	473	492	2	465	363	925	2	766
2.0 - 3.0	5	425	430	0	446	450	832	32	610
3.0 - 4.0	34	209	243	0	516	228	790	21	506
4.0 - 5.0	29	492	521	0	646	325	997	0	959
5.0 - 7.5	0	463	463	178	422	311	1000	0	822
7.5 - 10.0	18	526	544	321	205	526	526	0	205
10.0 - 20.0	0	0	0	0	0	0	0	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	27	357	382	6	355	288	744	16	566
estd. no. of hhs	41	542	581	10	539	438	1130	24	859
no. of sample hhs	26	189	213	4	164	162	405	11	314

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Assam rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	46	270	37	15
≤ 0.002	0	0	0	0	0	286	1000	0	0
0.002 - 0.005	9	270	279	0	0	427	916	83	25
0.005 - 0.040	46	46	359	13	6	200	833	59	144
0.040 - 0.5	29	562	592	28	4	261	740	104	85
0.5 - 1.0	22	830	841	28	0	303	763	96	89
1.0 - 2.0	55	868	907	59	0	342	771	111	85
2.0 - 3.0	126	902	978	32	0	380	777	99	133
3.0 - 4.0	0	986	986	86	0	242	930	151	154
4.0 - 5.0	0	1000	1000	0	0	690	731	0	117
5.0 - 7.5	0	1000	1000	0	0	631	1000	0	0
7.5 - 10.0	0	1000	1000	0	0	1000	1000	0	1000
10.0 - 20.0	0	0	0	0	0	0	0	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	30	559	583	27	2	247	679	87	79
estd. no. of hhs	1253	23034	24023	1096	70	10188	27977	3583	3272
no. of sample hhs	68	1315	1363	75	2	574	1516	197	171

Bihar rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	2	2	2	0	49	26	4	6
≤ 0.002	0	493	493	228	0	342	89	59	69
0.002 - 0.005	45	397	442	318	7	323	101	7	42
0.005 - 0.040	23	23	432	210	1	353	152	40	3
0.040 - 0.5	52	347	393	236	3	168	46	10	5
0.5 - 1.0	44	553	593	347	1	144	42	11	0
1.0 - 2.0	90	587	659	435	4	131	56	7	2
2.0 - 3.0	54	640	675	357	2	97	61	38	8
3.0 - 4.0	29	695	695	323	0	95	6	0	0
4.0 - 5.0	79	902	974	377	0	107	59	0	0
5.0 - 7.5	25	654	680	623	0	0	120	0	0
7.5 - 10.0	338	232	518	599	0	0	0	0	0
10.0 - 20.0	388	300	688	0	0	0	0	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	36	315	347	206	2	150	53	12	7
estd. no. of hhs	4219	36832	40527	24035	213	17494	6143	1365	843
no. of sample hhs	155	1391	1521	869	13	583	220	42	27

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Chhattisgarh				rural					
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	6	45	4	7
≤ 0.002	125	331	331	125	0	25	496	0	187
0.002 - 0.005	0	608	608	12	0	200	270	0	0
0.005 - 0.040	0	0	422	15	0	174	190	16	14
0.040 - 0.5	14	430	443	63	0	52	156	0	32
0.5 - 1.0	20	694	706	128	0	153	323	27	32
1.0 - 2.0	40	755	780	223	15	172	233	13	21
2.0 - 3.0	6	826	826	198	12	183	246	6	29
3.0 - 4.0	45	867	886	324	0	264	413	14	46
4.0 - 5.0	42	934	963	438	0	224	361	0	43
5.0 - 7.5	3	937	939	414	0	200	230	12	82
7.5 - 10.0	0	640	640	835	0	176	176	0	0
10.0 - 20.0	315	923	923	524	0	0	175	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	20	557	568	138	4	123	215	10	26
estd. no. of hhs	725	20239	20644	4996	153	4463	7818	381	957
no. of sample hhs	25	616	629	171	3	117	224	14	27

Gujarat				rural					
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	18	9	0	0
≤ 0.002	0	141	141	634	0	263	306	0	0
0.002 - 0.005	3	143	146	557	41	317	29	22	0
0.005 - 0.040	5	5	239	535	39	284	68	51	0
0.040 - 0.5	31	338	369	531	2	125	156	10	0
0.5 - 1.0	24	484	508	557	0	172	99	0	0
1.0 - 2.0	44	512	530	539	24	123	65	0	0
2.0 - 3.0	64	579	631	440	0	102	50	0	0
3.0 - 4.0	49	552	595	531	0	56	58	0	0
4.0 - 5.0	55	629	662	705	7	41	7	0	0
5.0 - 7.5	178	751	787	688	43	83	65	0	0
7.5 - 10.0	95	919	919	506	0	0	8	0	0
10.0 - 20.0	83	578	661	662	0	0	0	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	26	285	301	362	9	106	60	5	0
estd. no. of hhs	1630	17797	18816	22592	570	6644	3733	339	0
no. of sample hhs	49	470	502	545	16	143	95	7	0

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Haryana										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	3	0	5	0	0	
≤ 0.002	0	98	98	780	0	0	0	0	130	
0.002 - 0.005	94	136	230	773	47	80	40	68	0	
0.005 - 0.040	83	83	264	851	39	52	35	0	12	
0.040 - 0.5	137	143	249	737	13	39	12	0	0	
0.5 - 1.0	67	400	428	945	56	0	7	0	0	
1.0 - 2.0	92	312	354	910	43	0	21	0	0	
2.0 - 3.0	135	335	428	968	29	21	21	0	0	
3.0 - 4.0	129	508	566	990	24	2	0	0	2	
4.0 - 5.0	71	264	335	919	24	0	0	0	0	
5.0 - 7.5	174	491	623	899	167	0	64	25	0	
7.5 - 10.0	95	345	440	944	167	0	0	0	0	
10.0 - 20.0	228	357	576	1000	266	325	0	0	0	
> 20.0	653	850	966	1000	0	0	0	0	0	
all sizes	70	174	227	589	30	22	17	4	3	
estd. no. of hhs	2211	5468	7133	18541	942	681	529	135	103	
no. of sample hhs	81	232	296	629	27	24	14	3	3	

Himachal Pradesh										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	0	8	5	0	0	
< 0.002	757	376	757	243	0	757	0	0	0	
0.002 - 0.005	0	353	353	539	0	0	0	0	0	
0.005 - 0.040	9	9	323	235	0	45	126	0	0	
0.040 - 0.5	183	428	557	342	11	211	50	10	0	
0.5 - 1.0	228	561	692	448	6	252	30	5	4	
1.0 - 2.0	263	621	750	509	15	358	42	45	5	
2.0 - 3.0	354	538	754	512	34	444	45	59	0	
3.0 - 4.0	119	530	598	837	0	240	0	0	0	
4.0 - 5.0	168	637	637	531	0	143	0	0	0	
5.0 - 7.5	218	0	218	473	0	0	0	0	0	
7.5 - 10.0	0	1000	1000	0	0	0	0	0	0	
10.0 - 20.0	0	1000	1000	1000	1000	1000	1000	0	0	
> 20.0	0	0	0	0	0	0	0	0	0	
all sizes	162	390	491	322	9	196	37	12	1	
estd. no. of hhs	1941	4671	5875	3849	111	2350	444	141	16	
no. of sample hhs	233	480	623	379	16	270	41	14	4	

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Jammu & Kashmir										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	0	0	40	0	0	
≤ 0.002	0	1000	1000	1000	0	0	0	0	0	
0.002 - 0.005	1000	25	1000	0	0	0	104	0	0	
0.005 - 0.040	158	158	628	328	65	197	185	0	0	
0.040 - 0.5	209	511	698	134	33	137	533	8	0	
0.5 - 1.0	298	632	847	364	47	274	424	1	0	
1.0 - 2.0	200	669	847	599	29	189	239	2	0	
2.0 - 3.0	239	780	887	591	0	382	86	0	0	
3.0 - 4.0	317	878	989	798	80	210	122	0	0	
4.0 - 5.0	199	595	794	830	0	618	165	52	0	
5.0 - 7.5	0	1000	1000	1000	0	334	0	0	0	
7.5 - 10.0	692	308	1000	308	308	1000	1000	0	0	
10.0 - 20.0	0	0	0	0	0	0	0	0	0	
> 20.0	1000	0	1000	0	0	0	0	0	0	
all sizes	215	540	716	287	33	183	389	5	0	
estd. no. of hhs	2245	5630	7461	2993	340	1908	4053	48	1	
no. of sample hhs	306	392	660	183	40	176	434	11	1	

Jharkhand										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	0	11	56	0	0	
≤ 0.002	0	136	136	0	0	839	24	781	0	
0.002 - 0.005	0	413	413	13	0	562	396	0	7	
0.005 - 0.040	0	0	435	62	0	368	182	89	60	
0.040 - 0.5	14	544	558	75	0	341	268	23	43	
0.5 - 1.0	12	695	701	93	4	333	301	31	79	
1.0 - 2.0	25	765	790	115	3	384	410	30	39	
2.0 - 3.0	34	862	882	193	0	425	345	0	17	
3.0 - 4.0	0	1000	1000	0	0	242	199	0	0	
4.0 - 5.0	0	750	750	362	0	485	0	12	0	
5.0 - 7.5	0	1000	1000	0	0	440	874	0	312	
7.5 - 10.0	0	0	0	0	0	0	0	0	0	
10.0 - 20.0	0	1000	1000	0	0	1000	0	0	0	
> 20.0	0	0	0	0	0	0	0	0	0	
all sizes	12	509	519	71	1	299	256	24	41	
estd. no. of hhs	424	18746	19121	2621	40	11001	9419	897	1519	
no. of sample hhs	21	728	747	118	3	451	337	30	51	

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Karnataka				rural					
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	8	30	0	0
≤ 0.002	10	420	430	244	0	415	166	0	0
0.002 - 0.005	94	260	346	410	0	328	141	0	5
0.005 - 0.040	108	108	547	292	0	70	369	13	13
0.040 - 0.5	77	308	371	150	0	139	149	6	0
0.5 - 1.0	140	420	544	284	0	76	157	7	0
1.0 - 2.0	140	538	662	273	0	108	135	10	5
2.0 - 3.0	98	668	742	357	0	162	145	1	10
3.0 - 4.0	103	819	869	430	0	94	110	2	0
4.0 - 5.0	98	802	891	457	0	141	159	0	4
5.0 - 7.5	73	763	825	400	0	163	171	0	92
7.5 - 10.0	205	732	917	724	0	86	139	0	0
10.0 - 20.0	180	792	852	519	0	198	150	0	0
> 20.0	0	1000	1000	595	0	0	0	0	293
all sizes	74	331	392	192	0	92	122	4	4
estd. no. of hhs	5174	23110	27405	13390	0	6416	8533	287	290
no. of sample hhs	192	769	920	470	0	201	252	8	11

Kerala				rural					
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	16	98	2	0
≤ 0.002	0	0	0	0	0	0	1000	0	0
0.002 - 0.005	361	0	361	361	0	248	0	0	0
0.005 - 0.040	149	149	220	21	0	121	342	0	11
0.040 - 0.5	162	77	238	13	1	72	321	0	6
0.5 - 1.0	276	110	373	3	0	91	436	12	18
1.0 - 2.0	228	205	433	35	0	63	350	24	0
2.0 - 3.0	360	59	419	0	0	0	366	0	0
3.0 - 4.0	686	73	759	84	0	84	562	0	0
4.0 - 5.0	593	304	593	304	0	0	304	0	0
5.0 - 7.5	250	464	714	0	0	0	352	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	113	54	165	10	1	55	247	2	5
estd. no. of hhs	5621	2711	8260	479	27	2740	12336	115	231
no. of sample hhs	256	133	385	20	1	115	529	7	7

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Madhya Pradesh									
rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	25	9	3	0
≤ 0.002	7	734	741	143	0	263	18	0	0
0.002 - 0.005	5	440	445	76	0	196	16	0	0
0.005 - 0.040	17	17	733	77	28	247	70	16	17
0.040 - 0.5	15	423	438	183	0	138	82	0	2
0.5 - 1.0	7	752	760	232	4	173	98	8	10
1.0 - 2.0	32	729	756	362	2	178	85	4	8
2.0 - 3.0	46	804	821	435	7	103	102	14	0
3.0 - 4.0	57	861	898	569	2	65	47	5	13
4.0 - 5.0	38	862	885	538	5	191	31	21	1
5.0 - 7.5	35	901	930	559	12	109	82	0	4
7.5 - 10.0	3	918	919	733	0	9	0	2	0
10.0 - 20.0	54	958	980	716	0	40	46	10	0
> 20.0	0	1000	1000	795	0	100	0	0	0
all sizes	19	536	550	240	3	127	60	5	5
estd. no. of hhs	1774	50446	51744	22612	318	11907	5619	492	455
no. of sample hhs	65	1460	1503	762	12	337	167	19	11

Maharashtra									
rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	21	37	0	0
≤ 0.002	173	261	433	25	0	378	419	54	65
0.002 - 0.005	108	321	429	172	0	352	124	0	45
0.005 - 0.040	91	91	381	262	0	424	235	5	13
0.040 - 0.5	49	303	330	195	0	132	217	0	0
0.5 - 1.0	115	445	534	209	1	165	219	8	0
1.0 - 2.0	111	454	529	185	1	192	136	1	0
2.0 - 3.0	140	585	675	195	0	249	192	20	0
3.0 - 4.0	133	704	778	385	0	121	187	1	0
4.0 - 5.0	146	696	784	283	20	97	120	4	0
5.0 - 7.5	185	783	894	352	0	171	139	0	4
7.5 - 10.0	164	773	839	573	0	193	131	0	0
10.0 - 20.0	355	874	968	480	0	257	58	0	0
> 20.0	0	705	705	804	0	468	256	0	0
all sizes	71	294	340	140	1	135	130	4	3
estd. no. of hhs	8351	34721	40239	16497	98	15940	15311	432	306
no. of sample hhs	302	1184	1377	615	5	474	478	15	4

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Manipur										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	1	0	1	0	0	0	94	1	15	
≤ 0.002	0	0	0	0	0	0	0	0	0	
0.002 - 0.005	31	0	31	0	0	0	969	0	21	
0.005 - 0.040	16	16	44	5	0	0	797	0	116	
0.040 - 0.5	38	90	118	11	0	9	648	1	225	
0.5 - 1.0	54	130	174	61	0	46	627	2	281	
1.0 - 2.0	41	229	271	111	0	25	709	0	357	
2.0 - 3.0	260	158	393	26	0	0	812	0	148	
3.0 - 4.0	68	755	823	0	0	0	823	0	68	
4.0 - 5.0	0	1000	1000	0	0	1000	1000	0	1000	
5.0 - 7.5	0	0	0	0	0	0	0	0	0	
7.5 - 10.0	0	0	0	0	0	0	0	0	0	
10.0 - 20.0	0	0	0	0	0	0	0	0	0	
> 20.0	0	0	0	0	0	0	0	0	0	
all sizes	41	109	143	38	0	22	583	1	227	
estd. no. of hhs	110	293	385	101	0	60	1564	3	610	
no. of sample hhs	50	118	160	45	0	20	598	4	235	

Meghalaya										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	0	24	261	0	15	
≤ 0.002	0	0	0	0	0	0	0	0	0	
0.002 - 0.005	0	79	79	0	0	348	1000	0	76	
0.005 - 0.040	0	0	0	0	0	97	622	0	287	
0.040 - 0.5	0	110	110	0	0	71	667	0	228	
0.5 - 1.0	14	366	380	5	0	105	826	5	315	
1.0 - 2.0	10	343	352	30	6	171	784	16	369	
2.0 - 3.0	0	435	435	0	0	215	902	0	561	
3.0 - 4.0	0	468	468	101	0	247	750	0	489	
4.0 - 5.0	0	570	570	0	0	270	710	0	853	
5.0 - 7.5	0	82	82	112	0	10	736	0	373	
7.5 - 10.0	0	0	0	0	0	0	0	0	0	
10.0 - 20.0	0	0	0	0	0	0	0	0	0	
> 20.0	0	0	0	0	0	0	0	0	0	
all sizes	6	234	240	12	1	108	673	4	274	
estd. no. of hhs	19	797	816	40	4	367	2290	15	933	
no. of sample hhs	5	186	191	8	3	75	466	3	199	

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Mizoram										rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of																		
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits										
	cross breed	non-descript	all																
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)										
nil	0	0	0	0	0	0	169	0	87										
≤ 0.002	0	0	0	0	0	0	1000	0	1000										
0.002 - 0.005	0	0	0	0	0	16	889	0	540										
0.005 - 0.040	0	0	166	0	0	0	836	0	789										
0.040 - 0.5	0	0	0	9	0	1	459	0	361										
0.5 - 1.0	0	10	10	0	0	18	607	0	321										
1.0 - 2.0	6	45	50	0	44	45	722	0	621										
2.0 - 3.0	0	187	187	0	37	128	789	0	608										
3.0 - 4.0	0	0	0	0	0	452	1000	238	1000										
4.0 - 5.0	0	0	0	0	0	0	0	0	0										
5.0 - 7.5	0	0	0	0	0	0	0	0	0										
7.5 - 10.0	0	1000	1000	0	0	0	1000	0	0										
10.0 - 20.0	0	0	0	0	0	0	0	0	0										
> 20.0	0	0	0	0	0	0	1000	0	1000										
all sizes	1	45	47	2	14	38	631	5	462										
estd. no. of hhs	1	43	44	2	13	36	594	4	435										
no. of sample hhs	1	12	13	1	4	16	305	1	215										

Nagaland										rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of																		
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits										
	cross breed	non-descript	all																
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)										
nil	0	0	0	0	0	0	166	0	0										
≤ 0.002	0	0	0	0	0	0	0	0	0										
0.002 - 0.005	0	0	0	0	0	0	891	0	185										
0.005 - 0.040	0	0	0	0	0	0	1000	0	214										
0.040 - 0.5	27	0	27	0	0	19	672	0	377										
0.5 - 1.0	0	11	11	26	0	6	888	0	631										
1.0 - 2.0	35	5	40	31	0	51	788	0	685										
2.0 - 3.0	0	0	0	0	0	199	1000	0	949										
3.0 - 4.0	0	0	0	0	0	0	858	0	858										
4.0 - 5.0	0	0	0	0	0	0	0	0	0										
5.0 - 7.5	0	0	0	0	0	0	0	0	0										
7.5 - 10.0	0	0	0	0	0	0	0	0	0										
10.0 - 20.0	0	0	0	0	0	0	0	0	0										
> 20.0	0	0	0	0	0	0	0	0	0										
all sizes	14	5	19	17	0	29	767	0	531										
estd. no. of hhs	14	5	18	16	0	28	746	0	517										
no. of sample hhs	4	4	8	5	0	11	287	0	212										

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Orissa										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	0	2	64	4	2	
≤ 0.002	0	549	549	198	0	87	402	0	0	
0.002 - 0.005	147	440	587	68	0	283	141	0	33	
0.005 - 0.040	112	112	722	0	0	246	334	0	53	
0.040 - 0.5	33	489	509	16	0	133	246	1	5	
0.5 - 1.0	34	730	743	24	0	158	331	7	16	
1.0 - 2.0	82	763	794	62	0	291	405	2	8	
2.0 - 3.0	23	789	801	84	0	181	413	34	20	
3.0 - 4.0	8	932	937	107	0	365	412	0	0	
4.0 - 5.0	0	627	627	304	0	0	0	0	0	
5.0 - 7.5	128	770	814	0	0	187	187	111	0	
7.5 - 10.0	0	0	0	0	0	0	0	0	0	
10.0 - 20.0	0	1000	1000	0	0	0	1000	0	0	
> 20.0	0	0	0	0	0	0	0	0	0	
all sizes	35	453	473	24	0	131	239	5	10	
estd. no. of hhs	2348	29960	31293	1561	0	8699	15824	307	649	
no. of sample hhs	74	942	987	54	0	254	423	11	19	

Punjab										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	14	0	0	0	0	
≤ 0.002	0	13	13	871	0	0	0	0	0	
0.002 - 0.005	243	301	543	596	0	50	51	0	4	
0.005 - 0.040	209	209	377	772	8	51	39	0	0	
0.040 - 0.5	221	183	361	801	19	18	29	0	0	
0.5 - 1.0	177	331	484	890	0	67	21	0	0	
1.0 - 2.0	354	261	556	901	0	24	69	0	0	
2.0 - 3.0	366	376	647	954	0	36	73	0	0	
3.0 - 4.0	353	385	675	953	0	39	52	0	0	
4.0 - 5.0	201	336	537	957	0	0	13	0	0	
5.0 - 7.5	436	380	764	952	0	7	111	0	0	
7.5 - 10.0	559	134	652	972	0	36	97	31	0	
10.0 - 20.0	419	261	679	948	0	0	53	59	0	
> 20.0	55	968	968	968	0	0	0	0	0	
all sizes	178	169	325	568	8	27	32	1	0	
estd. no. of hhs	5325	5048	9701	16942	242	793	950	32	5	
no. of sample hhs	250	224	449	746	8	36	47	3	1	

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Rajasthan									
rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	56	4	0	2
≤ 0.002	111	230	341	265	86	577	22	0	0
0.002 - 0.005	109	269	355	204	5	602	53	0	0
0.005 - 0.040	21	21	393	372	17	483	117	0	15
0.040 - 0.5	20	418	435	415	16	504	80	18	0
0.5 - 1.0	26	514	533	493	30	495	74	15	0
1.0 - 2.0	31	453	469	504	35	433	25	3	0
2.0 - 3.0	27	515	527	537	40	444	15	0	0
3.0 - 4.0	94	524	590	654	29	339	18	12	0
4.0 - 5.0	41	610	638	584	53	417	6	0	0
5.0 - 7.5	20	634	652	487	98	541	0	0	0
7.5 - 10.0	135	572	685	552	117	529	1	0	0
10.0 - 20.0	32	875	885	376	215	467	19	0	0
> 20.0	147	811	811	707	356	376	0	0	0
all sizes	31	426	448	411	39	415	40	7	1
estd. no. of hhs	2193	29905	31404	28819	2718	29139	2823	491	56
no. of sample hhs	83	1054	1111	1101	95	964	91	9	3

Sikkim									
rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	0	11	0	0
≤ 0.002	0	67	67	0	0	933	781	0	67
0.002 - 0.005	25	116	135	0	0	983	174	11	54
0.005 - 0.040	0	0	112	0	5	450	412	0	377
0.040 - 0.5	31	624	656	30	0	332	655	0	187
0.5 - 1.0	132	839	970	0	0	485	707	19	269
1.0 - 2.0	99	774	865	8	0	306	718	0	241
2.0 - 3.0	55	805	861	9	0	429	810	0	222
3.0 - 4.0	224	902	969	0	0	238	902	0	72
4.0 - 5.0	0	1000	1000	0	0	1000	1000	0	750
5.0 - 7.5	409	638	1000	0	0	591	591	0	849
7.5 - 10.0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	56	486	540	9	0	295	472	5	166
estd. no. of hhs	45	394	438	7	0	240	383	4	135
no. of sample hhs	49	296	339	4	1	182	285	2	105

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Tamil Nadu									
rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	0	9	34	0	0
≤ 0.002	5	844	849	0	0	180	66	0	0
0.002 - 0.005	148	275	422	133	10	454	310	7	19
0.005 - 0.040	264	264	473	93	2	417	206	10	7
0.040 - 0.5	166	203	351	48	0	141	191	3	2
0.5 - 1.0	251	252	500	98	0	249	206	0	0
1.0 - 2.0	244	301	528	170	1	213	237	2	0
2.0 - 3.0	232	387	571	192	0	213	249	0	0
3.0 - 4.0	536	254	684	160	0	285	414	0	0
4.0 - 5.0	272	343	581	101	0	403	103	0	0
5.0 - 7.5	406	347	635	267	0	259	409	0	0
7.5 - 10.0	368	466	834	182	0	226	630	0	0
10.0 - 20.0	562	160	722	0	0	0	0	0	0
> 20.0	0	1000	1000	0	0	0	1000	0	0
all sizes	95	106	195	42	0	112	112	2	1
estd. no. of hhs	10521	11691	21455	4625	46	12370	12348	194	148
no. of sample hhs	402	444	806	161	3	377	449	5	5

Tripura									
rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	2	2	0	0	10	112	1	12
≤ 0.002	187	187	187	0	0	13	1000	0	0
0.002 - 0.005	0	385	385	0	0	202	896	7	180
0.005 - 0.040	40	40	435	33	0	344	638	0	123
0.040 - 0.5	109	440	549	16	0	231	685	27	145
0.5 - 1.0	141	659	763	9	0	174	624	19	262
1.0 - 2.0	162	562	657	42	0	290	665	7	118
2.0 - 3.0	257	892	923	0	0	0	244	0	0
3.0 - 4.0	0	1000	1000	0	0	1000	1000	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	76	343	408	12	0	168	504	15	118
estd. no. of hhs	455	2057	2445	73	0	1005	3021	88	708
no. of sample hhs	83	342	414	9	0	167	499	16	114

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

Uttar Pradesh										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	8	39	7	4	2	
≤ 0.002	80	275	288	458	0	395	3	32	0	
0.002 - 0.005	36	269	305	457	37	345	50	16	16	
0.005 - 0.040	47	47	334	465	14	309	62	16	22	
0.040 - 0.5	32	337	366	435	3	230	38	13	7	
0.5 - 1.0	45	454	489	595	1	226	31	4	4	
1.0 - 2.0	64	567	610	669	1	190	30	5	2	
2.0 - 3.0	49	578	613	742	0	206	11	3	0	
3.0 - 4.0	71	597	640	830	1	144	17	0	0	
4.0 - 5.0	99	516	586	803	6	128	5	11	0	
5.0 - 7.5	67	597	642	851	34	174	2	11	2	
7.5 - 10.0	281	405	405	1000	0	6	0	6	0	
10.0 - 20.0	141	600	740	829	44	0	0	0	0	
> 20.0	0	0	0	1000	0	0	0	0	0	
all sizes	37	337	366	443	5	197	30	8	6	
estd. no. of hhs	8149	74705	81143	98072	1195	43635	6698	1876	1286	
no. of sample hhs	284	2230	2452	3024	32	1270	198	49	33	

Uttaranchal										rural
size class of operational holding (ha)	no. of households per 1000 households reporting owning of									
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits	
	cross breed	non-descript	all							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
nil	0	0	0	0	1	42	36	0	0	
≤ 0.002	0	677	677	0	0	0	0	0	0	
0.002 - 0.005	0	758	758	242	0	0	499	0	0	
0.005 - 0.040	51	51	488	356	0	7	0	0	0	
0.040 - 0.5	23	757	757	377	0	220	74	0	1	
0.5 - 1.0	68	870	925	526	40	257	68	0	0	
1.0 - 2.0	17	868	885	594	0	281	41	0	0	
2.0 - 3.0	150	487	636	931	0	27	0	0	0	
3.0 - 4.0	0	0	0	0	0	0	0	0	0	
4.0 - 5.0	0	0	0	0	0	0	0	0	0	
5.0 - 7.5	0	1000	1000	1000	0	0	0	0	0	
7.5 - 10.0	0	0	0	0	0	0	0	0	0	
10.0 - 20.0	0	0	0	0	0	0	0	0	0	
> 20.0	0	0	0	0	0	0	0	0	0	
all sizes	30	626	643	355	8	180	60	0	1	
estd. no. of hhs	358	7482	7684	4249	95	2151	722	0	7	
no. of sample hhs	12	271	280	175	2	72	20	0	1	

*includes hens, cocks and chickens

Table 1R: Number per 1000 of households reporting owning of livestock and poultry of different types for each size class of household operational holding

West Bengal									
rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	1	45	111	1	1
≤ 0.002	17	239	256	0	0	932	727	0	442
0.002 - 0.005	54	519	573	1	0	439	427	8	50
0.005 - 0.040	85	85	632	8	0	347	499	12	57
0.040 - 0.5	65	458	517	20	0	257	353	8	10
0.5 - 1.0	99	672	749	51	0	316	491	14	20
1.0 - 2.0	60	720	761	89	0	307	500	16	38
2.0 - 3.0	152	771	877	139	0	374	570	48	0
3.0 - 4.0	103	793	896	153	0	504	511	48	0
4.0 - 5.0	212	788	1000	0	0	46	253	0	0
5.0 - 7.5	404	443	791	404	0	133	281	0	0
7.5 - 10.0	0	1000	1000	0	0	0	556	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0
> 20.0	0	0	0	0	0	0	0	0	0
all sizes	52	378	423	23	0	219	326	8	17
estd. no. of hhs	6391	46059	51596	2751	48	26668	39826	975	2054
no. of sample hhs	244	1581	1786	110	3	857	1333	41	59

all-India									
rural									
size class of operational holding (ha)	no. of households per 1000 households reporting owning of								
	cattle			buffalo	other large heads	sheep, goats	fowl*, duck	other birds	pigs and rabbits
	cross breed	non-descript	all						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
nil	0	0	0	0	1	20	44	2	1
≤ 0.002	45	390	421	262	8	359	161	29	37
0.002 - 0.005	56	323	378	297	15	317	130	10	20
0.005 - 0.040	91	91	426	298	9	260	221	16	27
0.040 - 0.5	60	357	409	215	3	191	195	12	13
0.5 - 1.0	72	528	588	311	5	214	213	12	18
1.0 - 2.0	80	563	622	374	7	203	186	10	15
2.0 - 3.0	90	609	670	412	7	203	164	11	11
3.0 - 4.0	101	676	744	519	7	157	138	7	11
4.0 - 5.0	90	644	708	531	13	184	100	5	7
5.0 - 7.5	100	712	776	549	38	229	113	5	16
7.5 - 10.0	182	640	780	635	29	140	79	2	3
10.0 - 20.0	132	791	861	559	94	253	41	4	0
> 20.0	116	822	847	649	140	194	34	0	32
all sizes	51	319	361	214	5	152	143	9	11
estd. no. of hhs	75283	471791	533021	315651	8055	224875	211987	12604	16900
no. of sample hhs	3467	17795	20595	11125	459	8206	10417	533	1853

*includes hens, cocks and chickens

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Andhra Pradesh									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	49.05	48.16	0.00	0.00	0.00	0.00	51.84	100.00	61	5
0.002 - 0.005	65.96	66.81	1.42	8.33	0.00	0.00	23.44	100.00	1133	52
0.005 - 0.040	56.59	72.94	3.07	15.01	0.00	0.00	8.98	100.00	5479	93
0.040 - 0.5	2.87	30.21	0.00	0.16	63.52	0.00	6.11	100.00	5552	116
0.5 - 1.0	2.22	12.32	0.00	0.08	84.95	0.00	2.66	100.00	5240	127
1.0 - 2.0	0.89	40.57	0.00	0.06	49.72	0.00	9.65	100.00	5001	205
2.0 - 3.0	0.92	16.78	0.00	0.19	78.19	0.00	4.84	100.00	2871	136
3.0 - 4.0	1.09	15.93	0.00	0.28	82.09	0.00	1.70	100.00	1179	51
4.0 - 5.0	0.90	12.10	0.24	0.03	86.49	0.00	1.14	100.00	1539	48
5.0 - 7.5	0.43	92.26	0.00	1.43	0.00	0.00	6.30	100.00	513	19
7.5 - 10.0	0.17	31.42	0.00	0.00	52.57	0.00	16.02	100.00	357	9
10.0 - 20.0	0.08	100.00	0.00	0.00	0.00	0.00	0.00	100.00	498	10
> 20.0	0.01	7.07	0.00	0.00	0.00	0.00	92.93	100.00	157	2
all sizes	1.05	26.42	0.17	0.84	67.39	0.00	5.18	100.00	29580	873
estd. no. hhs (00)	-	20025	256	1480	1124	0	7070	29580	-	-
no. of sample hhs	-	611	4	38	33	0	202	873	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Arunachal Pradesh									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	6.49	100.00	0.00	0.00	0.00	0.00	0.00	100.00	2	1
0.002 - 0.005	15.96	33.02	0.00	66.98	0.00	0.00	0.00	100.00	11	5
0.005 - 0.040	25.10	31.90	0.00	0.00	0.00	0.00	68.10	100.00	12	2
0.040 - 0.5	0.18	0.00	100.00	0.00	0.00	0.00	0.00	100.00	3	2
0.5 - 1.0	1.21	0.00	22.52	11.91	18.36	0.00	47.21	100.00	17	7
1.0 - 2.0	0.10	0.00	44.68	55.32	0.00	0.00	0.00	100.00	14	6
2.0 - 3.0	0.01	0.00	0.00	0.00	0.00	0.00	100.00	100.00	0	1
3.0 - 4.0	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	0	1
4.0 - 5.0	0.08	0.00	0.00	0.00	0.00	0.00	100.00	100.00	2	1
5.0 - 7.5	15.88	100.00	0.00	0.00	0.00	0.00	0.00	100.00	2	1
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	1.07	84.92	4.18	2.80	1.81	0.00	6.29	100.00	64	27
estd. no. hhs (00)	-	14	8	30	0	0	13	64	-	-
no. of sample hhs	-	6	5	9	1	0	6	27	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Assam									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	100.00	0.00	0.00	71.44	0.00	0.00	28.56	100.00	4	2
0.002 - 0.005	98.01	28.47	0.18	62.09	0.00	0.00	9.26	100.00	501	93
0.005 - 0.040	84.95	37.78	10.63	50.22	0.00	0.00	1.37	100.00	2826	100
0.040 - 0.5	12.06	42.20	0.60	49.55	1.78	0.00	5.87	100.00	3887	161
0.5 - 1.0	1.14	81.92	0.00	0.81	13.41	0.00	3.86	100.00	521	28
1.0 - 2.0	0.52	24.26	0.00	8.59	67.15	0.00	0.00	100.00	338	18
2.0 - 3.0	0.43	5.07	0.00	0.00	94.93	0.00	0.00	100.00	44	9
3.0 - 4.0	0.40	0.00	0.00	66.41	33.59	0.00	0.00	100.00	22	2
4.0 - 5.0	2.96	0.00	0.00	0.00	100.00	0.00	0.00	100.00	6	1
5.0 - 7.5	-	-	-	-	-	-	-	-	0	0
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	2.62	43.41	1.69	39.06	11.44	0.00	4.41	100.00	8149	414
estd. no. hhs (00)	-	3457	328	3649	364	0	351	8149	-	-
no. of sample hhs	-	180	11	179	23	0	21	414	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Bihar		percentage share of area operated for							rural	
size class of operational holding (ha)	% of area operated for farming of animals	dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all	estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	80.99	67.04	3.65	7.56	0.00	0.00	21.75	100.00	1860	42
0.002 - 0.005	84.58	70.82	3.95	4.98	0.00	0.00	20.25	100.00	5362	202
0.005 - 0.040	50.74	68.34	0.01	11.40	0.00	0.00	20.25	100.00	6886	187
0.040 - 0.5	0.73	80.30	0.01	3.13	0.00	0.00	16.56	100.00	7344	210
0.5 - 1.0	0.42	81.05	0.43	0.10	0.10	0.00	18.31	100.00	5268	162
1.0 - 2.0	0.39	83.05	0.02	1.53	0.00	0.00	15.40	100.00	3380	213
2.0 - 3.0	0.14	78.21	0.00	0.00	12.13	0.00	9.66	100.00	580	41
3.0 - 4.0	0.57	18.36	0.00	0.00	73.57	0.00	8.07	100.00	324	15
4.0 - 5.0	0.51	94.96	0.00	0.00	3.86	0.00	1.18	100.00	132	8
5.0 - 7.5	0.39	92.87	0.00	0.00	0.00	0.00	7.13	100.00	131	7
7.5 - 10.0	0.01	100.00	0.00	0.00	0.00	0.00	0.00	100.00	20	2
10.0 - 20.0	2.08	100.00	0.00	0.00	0.00	0.00	0.00	100.00	54	1
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.73	77.02	0.31	4.00	3.80	0.00	14.87	100.00	31340	1090
estd. no. hhs (00)	-	23909	364	1189	57	0	5863	31340	-	-
no. of sample hhs	-	824	12	33	4	0	219	1090	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Chhattisgarh									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	100.00	48.00	10.76	41.24	0.00	0.00	0.00	100.00	242	10
0.002 - 0.005	67.98	63.37	0.00	19.17	0.00	0.00	17.46	100.00	554	36
0.005 - 0.040	50.09	70.08	0.00	14.56	0.00	0.00	15.36	100.00	829	16
0.040 - 0.5	0.48	97.15	0.00	2.85	0.00	0.00	0.00	100.00	138	7
0.5 - 1.0	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00	46	1
1.0 - 2.0	0.02	42.95	0.00	16.18	0.00	0.00	40.87	100.00	202	5
2.0 - 3.0	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	37	2
3.0 - 4.0	-	-	-	-	-	-	-	-	0	0
4.0 - 5.0	0.30	0.00	0.00	0.00	99.01	0.00	0.99	100.00	73	2
5.0 - 7.5	-	-	-	-	-	-	-	-	0	0
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	0.57	100.00	0.00	0.00	0.00	0.00	0.00	100.00	62	2
> 20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
all sizes	0.13	66.17	0.09	5.18	23.20	0.00	5.36	100.00	2183	81
estd. no. hhs (00)	-	1302	45	425	61	0	351	2183	-	-
no. of sample hhs	-	52	1	15	1	0	12	81	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Gujarat		percentage share of area operated for							rural	
size class of operational holding (ha)	% of area operated for farming of animals	dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all	estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	77.50	82.39	0.00	0.00	0.00	0.00	17.61	100.00	604	12
0.002 - 0.005	45.86	80.34	0.00	0.00	0.00	0.00	19.66	100.00	4049	76
0.005 - 0.040	49.47	67.24	0.00	2.43	0.00	0.00	30.32	100.00	2672	39
0.040 - 0.5	1.58	96.73	0.00	0.06	0.00	0.00	3.20	100.00	5247	83
0.5 - 1.0	0.22	73.59	0.00	3.30	0.00	0.00	23.12	100.00	3674	101
1.0 - 2.0	0.11	92.01	0.00	0.00	0.00	0.00	7.99	100.00	3515	88
2.0 - 3.0	0.05	91.03	0.00	0.00	0.00	0.00	8.97	100.00	1227	43
3.0 - 4.0	0.04	97.55	0.00	0.00	0.00	0.00	2.45	100.00	493	35
4.0 - 5.0	0.06	99.49	0.00	0.00	0.00	0.00	0.51	100.00	830	37
5.0 - 7.5	0.07	86.99	0.00	0.00	0.00	0.00	13.01	100.00	1119	37
7.5 - 10.0	0.23	100.00	0.00	0.00	0.00	0.00	0.00	100.00	279	7
10.0 - 20.0	0.03	100.00	0.00	0.00	0.00	0.00	0.00	100.00	317	9
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.20	89.70	0.00	0.60	0.00	0.00	9.70	100.00	24027	567
estd. no. hhs (00)	-	21010	0	236	0	0	2837	24027	-	-
no. of sample hhs	-	504	0	5	0	0	60	567	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Haryana									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	41.71	100.00	0.00	0.00	0.00	0.00	0.00	100.00	175	7
0.002 - 0.005	44.50	92.07	0.57	0.59	0.00	0.00	6.77	100.00	1708	79
0.005 - 0.040	37.48	96.46	0.00	0.00	0.00	0.00	3.54	100.00	5957	109
0.040 - 0.5	3.32	90.73	0.00	0.00	0.00	0.00	9.27	100.00	2752	60
0.5 - 1.0	4.80	99.71	0.00	0.00	0.00	0.00	0.29	100.00	2227	74
1.0 - 2.0	0.59	95.48	0.00	0.19	0.00	0.00	4.33	100.00	2664	90
2.0 - 3.0	0.73	96.49	0.00	0.00	0.00	0.00	3.51	100.00	1610	84
3.0 - 4.0	0.49	98.44	0.00	0.00	0.00	0.00	1.56	100.00	819	56
4.0 - 5.0	0.40	99.65	0.00	0.00	0.00	0.00	0.35	100.00	678	39
5.0 - 7.5	0.37	91.12	0.00	8.81	0.00	0.00	0.07	100.00	648	44
7.5 - 10.0	0.28	91.44	0.00	0.00	0.00	0.00	8.56	100.00	300	16
10.0 - 20.0	0.31	100.00	0.00	0.00	0.00	0.00	0.00	100.00	129	10
> 20.0	0.55	100.00	0.00	0.00	0.00	0.00	0.00	100.00	58	4
all sizes	1.00	96.74	0.01	0.49	0.00	0.00	2.75	100.00	19726	672
estd. no. hhs (00)	-	18528	11	66	0	0	1169	19726	-	-
no. of sample hhs	-	636	2	3	0	0	33	672	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Himachal Pradesh									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	100.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	5	3
0.002 - 0.005	85.16	100.00	0.00	0.00	0.00	0.00	0.00	100.00	31	7
0.005 - 0.040	5.88	100.00	0.00	0.00	0.00	0.00	0.00	100.00	53	4
0.040 - 0.5	0.28	39.82	0.00	0.00	40.75	0.00	19.43	100.00	305	25
0.5 - 1.0	0.11	65.83	0.00	0.00	0.00	0.00	34.17	100.00	89	8
1.0 - 2.0	0.34	47.63	0.00	0.00	0.00	0.00	52.37	100.00	121	21
2.0 - 3.0	0.04	100.00	0.00	0.00	0.00	0.00	0.00	100.00	17	2
3.0 - 4.0	2.81	100.00	0.00	0.00	0.00	0.00	0.00	100.00	52	3
4.0 - 5.0	0.04	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1	1
5.0 - 7.5	0.01	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1	1
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.41	77.90	0.00	0.00	5.30	0.00	16.80	100.00	675	75
estd. no. hhs (00)	-	597	0	0	4	0	75	675	-	-
no. of sample hhs	-	66	0	0	1	0	8	75	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Jammu & Kashmir									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	50.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	2	1
0.002 - 0.005	38.91	100.00	0.00	0.00	0.00	0.00	0.00	100.00	20	4
0.005 - 0.040	47.50	85.49	0.00	10.54	0.00	0.00	3.97	100.00	227	22
0.040 - 0.5	1.66	80.31	0.00	5.42	0.00	0.00	14.28	100.00	2338	141
0.5 - 1.0	0.82	96.29	0.00	2.59	0.00	0.00	1.12	100.00	1353	90
1.0 - 2.0	0.68	91.18	0.00	1.52	0.00	0.00	7.30	100.00	1191	97
2.0 - 3.0	0.63	94.37	0.00	5.63	0.00	0.00	0.00	100.00	380	30
3.0 - 4.0	0.20	100.00	0.00	0.00	0.00	0.00	0.00	100.00	121	9
4.0 - 5.0	11.48	100.00	0.00	0.00	0.00	0.00	0.00	100.00	62	8
5.0 - 7.5	0.22	100.00	0.00	0.00	0.00	0.00	0.00	100.00	76	2
7.5 - 10.0	0.08	100.00	0.00	0.00	0.00	0.00	0.00	100.00	5	1
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	0.02	100.00	0.00	0.00	0.00	0.00	0.00	100.00	21	1
all sizes	1.04	93.12	0.00	2.38	0.00	0.00	4.50	100.00	5796	406
estd. no. hhs (00)	-	4976	0	442	0	0	382	5796	-	-
no. of sample hhs	-	354	0	30	0	0	23	406	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Jharkhand										rural
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	100.00	71.94	0.00	12.75	0.00	0.00	15.31	100.00	19	3
0.002 - 0.005	87.84	46.25	0.40	8.76	0.00	0.00	44.59	100.00	838	53
0.005 - 0.040	45.91	44.96	17.89	9.77	0.00	0.00	27.38	100.00	1251	33
0.040 - 0.5	0.61	81.17	0.00	15.36	0.00	0.00	3.47	100.00	1024	33
0.5 - 1.0	0.03	81.60	0.00	10.81	0.00	0.00	7.59	100.00	187	10
1.0 - 2.0	0.01	82.31	0.00	2.85	0.00	0.00	14.84	100.00	77	17
2.0 - 3.0	0.06	0.21	0.00	3.03	93.40	0.00	3.36	100.00	16	7
3.0 - 4.0	-	-	-	-	-	-	-	-	0	0
4.0 - 5.0	-	-	-	-	-	-	-	-	0	0
5.0 - 7.5	0.11	0.00	0.00	0.00	100.00	0.00	0.00	100.00	8	1
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.22	63.36	5.15	12.14	5.73	0.00	13.61	100.00	3421	157
estd. no. hhs (00)	-	1899	163	380	9	0	972	3421	-	-
no. of sample hhs	-	71	4	24	2	0	57	157	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Karnataka									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	67.92	43.31	0.00	6.24	0.00	0.00	50.46	100.00	1237	25
0.002 - 0.005	81.46	64.61	0.61	12.19	0.00	0.00	22.59	100.00	1338	46
0.005 - 0.040	80.43	83.20	1.38	10.28	0.00	0.00	5.14	100.00	3625	36
0.040 - 0.5	0.79	68.01	0.00	20.41	0.00	0.00	11.58	100.00	3413	72
0.5 - 1.0	0.46	43.88	0.00	22.29	0.00	0.00	33.83	100.00	3762	98
1.0 - 2.0	0.65	31.07	0.00	0.02	13.08	0.00	55.83	100.00	4183	109
2.0 - 3.0	0.24	50.54	0.03	0.13	0.00	0.00	49.29	100.00	1810	103
3.0 - 4.0	0.34	94.82	0.00	0.72	0.00	0.00	4.46	100.00	750	59
4.0 - 5.0	0.12	84.20	0.41	0.00	0.00	0.00	15.39	100.00	911	61
5.0 - 7.5	0.05	51.80	0.00	0.60	0.00	0.00	47.60	100.00	563	33
7.5 - 10.0	0.05	78.50	0.00	0.00	0.00	0.00	21.50	100.00	107	12
10.0 - 20.0	0.04	72.63	0.00	0.00	0.00	0.00	27.37	100.00	160	11
> 20.0	0.01	100.00	0.00	0.00	0.00	0.00	0.00	100.00	31	1
all sizes	0.39	55.57	0.26	7.08	4.36	0.00	32.73	100.00	21889	666
estd. no. hhs (00)	-	15972	66	714	40	0	5136	21889	-	-
no. of sample hhs	-	495	4	20	1	0	147	666	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Kerala		percentage share of area operated for							rural	
size class of operational holding (ha)	% of area operated for farming of animals	dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all	estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	100.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00	1	1
0.002 - 0.005	81.43	51.93	0.00	0.00	0.00	0.00	48.07	100.00	2	3
0.005 - 0.040	22.82	56.65	0.00	24.91	0.00	0.00	18.44	100.00	1418	54
0.040 - 0.5	1.99	68.02	0.00	16.51	0.00	1.01	14.46	100.00	1619	62
0.5 - 1.0	0.57	90.36	0.00	9.64	0.00	0.00	0.00	100.00	215	16
1.0 - 2.0	0.22	88.62	0.00	11.38	0.00	0.00	0.00	100.00	208	18
2.0 - 3.0	0.35	100.00	0.00	0.00	0.00	0.00	0.00	100.00	40	2
3.0 - 4.0	0.85	0.00	0.00	0.00	0.00	88.84	11.16	100.00	45	2
4.0 - 5.0	0.15	100.00	0.00	0.00	0.00	0.00	0.00	100.00	30	1
5.0 - 7.5	2.14	0.00	0.00	0.00	100.00	0.00	0.00	100.00	1	1
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	1.25	64.27	0.00	15.76	3.10	4.47	12.39	100.00	3579	160
estd. no. hhs (00)	-	2619	0	569	1	41	350	3579	-	-
no. of sample hhs	-	118	0	27	1	2	12	160	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Madhya Pradesh										rural
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	89.00	85.39	0.00	2.58	0.00	0.00	12.02	100.00	1128	36
0.002 - 0.005	52.51	83.32	0.04	2.04	0.00	0.00	14.60	100.00	3088	100
0.005 - 0.040	55.32	73.81	3.73	1.30	0.00	0.00	21.16	100.00	3527	68
0.040 - 0.5	0.33	49.63	0.00	0.00	0.00	0.00	50.37	100.00	2534	45
0.5 - 1.0	0.42	42.98	0.00	0.00	44.34	0.00	12.68	100.00	4180	58
1.0 - 2.0	0.35	10.52	0.00	0.00	73.72	0.07	15.68	100.00	3667	101
2.0 - 3.0	0.07	45.69	0.00	0.00	0.00	0.00	54.31	100.00	1506	47
3.0 - 4.0	0.30	10.06	83.13	0.00	0.00	0.00	6.80	100.00	2000	35
4.0 - 5.0	0.06	80.11	0.00	0.00	0.00	0.00	19.89	100.00	423	40
5.0 - 7.5	0.20	51.80	0.00	0.00	0.00	0.00	48.20	100.00	560	37
7.5 - 10.0	0.06	77.01	0.00	0.00	0.00	0.00	22.99	100.00	334	21
10.0 - 20.0	0.11	96.40	0.00	0.00	0.00	0.00	3.60	100.00	134	9
> 20.0	0.04	14.12	0.00	0.00	0.00	0.00	85.88	100.00	27	2
all sizes	0.25	38.85	14.65	0.23	25.67	0.02	20.57	100.00	23108	599
estd. no. hhs (00)	-	15851	139	160	142	29	6787	23108	-	-
no. of sample hhs	-	413	3	6	3	1	173	599	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Maharashtra										rural
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	99.18	51.52	0.00	27.81	0.00	0.00	20.67	100.00	1095	24
0.002 - 0.005	88.62	67.38	3.87	7.62	0.00	0.00	21.13	100.00	3360	99
0.005 - 0.040	55.34	73.72	0.37	9.68	0.00	0.00	16.22	100.00	4215	83
0.040 - 0.5	0.60	84.34	0.00	3.43	0.00	0.00	12.23	100.00	2173	35
0.5 - 1.0	0.34	77.57	0.00	2.04	0.00	0.00	20.39	100.00	4284	98
1.0 - 2.0	0.15	63.55	0.00	14.09	0.00	0.00	22.36	100.00	3288	101
2.0 - 3.0	0.08	89.15	0.00	0.02	0.00	0.00	10.83	100.00	2047	61
3.0 - 4.0	0.12	41.59	0.00	48.70	0.00	0.00	9.71	100.00	977	67
4.0 - 5.0	0.05	55.34	0.00	6.10	0.00	0.00	38.56	100.00	691	59
5.0 - 7.5	0.18	51.75	0.00	18.93	0.00	0.00	29.32	100.00	667	51
7.5 - 10.0	0.06	71.01	0.00	0.87	0.00	0.00	28.12	100.00	197	16
10.0 - 20.0	0.21	11.02	0.00	0.00	0.00	0.00	88.98	100.00	228	14
> 20.0	0.03	100.00	0.00	0.00	0.00	0.00	0.00	100.00	42	3
all sizes	0.19	63.18	0.25	10.27	0.00	0.00	26.30	100.00	23265	711
estd. no. hhs (00)	-	15830	223	1636	0	0	5681	23265	-	-
no. of sample hhs	-	514	2	43	0	0	156	711	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Manipur									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	-	-	-	-	-	-	-	-	0	0
0.002 - 0.005	42.02	6.44	4.44	89.12	0.00	0.00	0.00	100.00	4	10
0.005 - 0.040	43.33	4.36	4.95	89.97	0.00	0.00	0.73	100.00	40	16
0.040 - 0.5	3.74	0.29	9.83	13.48	76.08	0.00	0.32	100.00	149	58
0.5 - 1.0	1.53	2.03	1.81	4.18	90.78	0.00	1.19	100.00	119	30
1.0 - 2.0	2.18	0.31	1.67	1.22	94.85	0.00	1.95	100.00	58	38
2.0 - 3.0	5.51	0.00	0.33	0.00	99.67	0.00	0.00	100.00	10	3
3.0 - 4.0	-	-	-	-	-	-	-	-	0	0
4.0 - 5.0	19.40	0.00	0.00	41.24	0.00	0.00	58.76	100.00	5	1
5.0 - 7.5	63.22	0.00	0.00	0.00	100.00	0.00	0.00	100.00	0	1
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	2.89	0.70	3.32	11.27	77.48	0.00	7.24	100.00	384	157
estd. no. hhs (00)	-	12	91	167	75	0	49	384	-	-
no. of sample hhs	-	8	41	64	28	0	19	157	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Meghalaya										rural
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	-	-	-	-	-	-	-	-	0	0
0.002 - 0.005	81.89	8.95	6.35	84.69	0.00	0.00	0.00	100.00	31	11
0.005 - 0.040	61.55	0.00	20.57	53.95	0.00	0.00	25.48	100.00	50	9
0.040 - 0.5	3.29	3.96	50.91	36.12	1.11	0.19	7.70	100.00	157	37
0.5 - 1.0	0.44	3.88	11.98	80.84	1.14	0.00	2.16	100.00	154	32
1.0 - 2.0	0.19	2.59	11.09	67.05	0.52	0.00	18.75	100.00	119	30
2.0 - 3.0	0.31	9.59	15.61	74.79	0.00	0.00	0.00	100.00	57	9
3.0 - 4.0	0.22	25.73	1.99	0.00	66.52	0.00	5.76	100.00	20	4
4.0 - 5.0	0.10	38.94	61.06	0.00	0.00	0.00	0.00	100.00	15	2
5.0 - 7.5	0.06	8.65	73.93	17.42	0.00	0.00	0.00	100.00	18	3
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.48	5.78	30.76	50.97	4.22	0.08	8.20	100.00	622	137
estd. no. hhs (00)	-	38	225	311	12	2	48	622	-	-
no. of sample hhs	-	18	47	62	4	1	10	137	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Mizoram		percentage share of area operated for							rural	
size class of operational holding (ha)	% of area operated for farming of animals	dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all	estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	100.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00	0	1
0.002 - 0.005	70.17	0.00	46.09	53.91	0.00	0.00	0.00	100.00	27	25
0.005 - 0.040	42.12	25.47	21.82	52.71	0.00	0.00	0.00	100.00	23	15
0.040 - 0.5	1.10	0.00	51.81	48.19	0.00	0.00	0.00	100.00	12	8
0.5 - 1.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
1.0 - 2.0	0.01	0.00	100.00	0.00	0.00	0.00	0.00	100.00	5	4
2.0 - 3.0	-	-	-	-	-	-	-	-	0	0
3.0 - 4.0	-	-	-	-	-	-	-	-	0	0
4.0 - 5.0	-	-	-	-	-	-	-	-	0	0
5.0 - 7.5	-	-	-	-	-	-	-	-	0	0
7.5 - 10.0	39.27	0.00	0.00	0.00	100.00	0.00	0.00	100.00	5	1
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	4.04	0.00	0.00	0.00	100.00	0.00	0.00	100.00	4	1
all sizes	2.07	0.25	2.54	2.61	94.61	0.00	0.00	100.00	77	55
estd. no. hhs (00)	-	7	27	34	9	0	0	77	-	-
no. of sample hhs	-	1	25	27	2	0	0	55	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Nagaland		percentage share of area operated for							rural	
size class of operational holding (ha)	% of area operated for farming of animals	dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all	estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	-	-	-	-	-	-	-	-	0	0
0.002 - 0.005	80.71	0.00	18.51	80.28	0.00	1.21	0.00	100.00	58	27
0.005 - 0.040	86.32	0.00	7.51	92.49	0.00	0.00	0.00	100.00	17	2
0.040 - 0.5	0.26	57.39	3.80	38.81	0.00	0.00	0.00	100.00	11	5
0.5 - 1.0	0.27	0.00	21.24	78.76	0.00	0.00	0.00	100.00	28	13
1.0 - 2.0	0.08	0.00	28.45	71.55	0.00	0.00	0.00	100.00	26	12
2.0 - 3.0	0.01	0.00	100.00	0.00	0.00	0.00	0.00	100.00	3	1
3.0 - 4.0	-	-	-	-	-	-	-	-	0	0
4.0 - 5.0	-	-	-	-	-	-	-	-	0	0
5.0 - 7.5	-	-	-	-	-	-	-	-	0	0
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.17	5.72	20.02	74.12	0.00	0.14	0.00	100.00	143	60
estd. no. hhs (00)	-	4	57	81	0	1	0	143	-	-
no. of sample hhs	-	1	36	21	0	2	0	60	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Orissa		percentage share of area operated for							rural	
size class of operational holding (ha)	% of area operated for farming of animals	dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all	estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤0.002	96.69	71.55	0.00	24.67	0.00	0.00	3.79	100.00	472	11
0.002 - 0.005	91.93	70.44	1.33	9.77	1.64	0.00	16.82	100.00	1223	55
0.005 - 0.040	63.77	81.78	0.48	5.65	0.00	0.00	12.09	100.00	2661	51
0.040 - 0.5	0.82	64.09	0.13	2.22	2.86	0.00	30.70	100.00	1451	37
0.5 - 1.0	0.14	64.64	0.00	30.74	0.63	0.00	3.99	100.00	928	22
1.0 - 2.0	0.65	26.91	4.45	3.45	63.94	0.00	1.25	100.00	958	37
2.0 - 3.0	0.53	65.95	0.00	0.82	32.91	0.00	0.33	100.00	212	16
3.0 - 4.0	0.25	26.55	0.00	0.00	73.45	0.00	0.00	100.00	65	6
4.0 - 5.0	-	-	-	-	-	-	-	-	0	0
5.0 - 7.5	0.27	100.00	0.00	0.00	0.00	0.00	0.00	100.00	14	2
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.59	55.72	1.58	4.84	27.00	0.00	10.87	100.00	7985	237
estd. no. hhs (00)	-	5678	99	988	330	0	912	7985	-	-
no. of sample hhs	-	173	4	25	12	0	26	237	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Punjab									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	44.83	100.00	0.00	0.00	0.00	0.00	0.00	100.00	96	4
0.002 - 0.005	38.68	97.17	0.26	0.00	0.00	0.00	2.57	100.00	1158	84
0.005 - 0.040	33.37	98.68	0.00	1.32	0.00	0.00	0.00	100.00	7818	227
0.040 - 0.5	4.68	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1967	78
0.5 - 1.0	1.25	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1409	45
1.0 - 2.0	1.16	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1927	81
2.0 - 3.0	0.47	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1684	98
3.0 - 4.0	0.67	100.00	0.00	0.00	0.00	0.00	0.00	100.00	691	53
4.0 - 5.0	0.62	100.00	0.00	0.00	0.00	0.00	0.00	100.00	500	42
5.0 - 7.5	0.31	100.00	0.00	0.00	0.00	0.00	0.00	100.00	566	44
7.5 - 10.0	1.04	100.00	0.00	0.00	0.00	0.00	0.00	100.00	382	29
10.0 - 20.0	0.59	94.66	0.00	5.34	0.00	0.00	0.00	100.00	331	25
> 20.0	0.10	100.00	0.00	0.00	0.00	0.00	0.00	100.00	51	2
all sizes	0.90	99.26	0.00	0.72	0.00	0.00	0.02	100.00	18582	812
estd. no. hhs (00)	-	18442	5	117	0	0	26	18582	-	-
no. of sample hhs	-	806	1	3	0	0	3	812	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Rajasthan									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	64.22	90.41	0.00	0.00	0.00	0.00	9.59	100.00	783	36
0.002 - 0.005	60.49	57.14	0.00	3.58	0.00	0.00	39.28	100.00	1660	131
0.005 - 0.040	55.73	80.17	0.16	3.39	0.00	0.00	16.28	100.00	2518	81
0.040 - 0.5	1.63	77.34	1.16	0.00	0.00	16.56	4.94	100.00	8123	173
0.5 - 1.0	0.57	95.19	0.00	0.00	0.00	0.00	4.81	100.00	8691	226
1.0 - 2.0	0.86	79.28	0.00	0.00	0.00	0.00	20.72	100.00	8012	371
2.0 - 3.0	1.26	67.67	0.00	0.00	0.00	0.00	32.33	100.00	4936	152
3.0 - 4.0	0.39	96.69	0.00	0.00	0.00	0.00	3.31	100.00	2809	101
4.0 - 5.0	0.72	98.77	0.00	0.00	0.22	0.00	1.02	100.00	1762	129
5.0 - 7.5	0.90	26.14	0.00	0.00	0.00	0.00	73.86	100.00	2975	154
7.5 - 10.0	0.11	99.09	0.00	0.00	0.00	0.00	0.91	100.00	739	51
10.0 - 20.0	0.19	99.54	0.00	0.00	0.00	0.00	0.46	100.00	2145	60
> 20.0	0.38	99.98	0.00	0.00	0.00	0.00	0.02	100.00	342	12
all sizes	0.63	70.54	0.08	0.09	0.02	1.03	28.24	100.00	45496	1677
estd. no. hhs (00)	-	40195	46	118	39	47	5100	45496	-	-
no. of sample hhs	-	1487	2	5	1	1	182	1677	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Sikkim									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	100.00	6.70	0.00	0.00	0.00	0.00	93.30	100.00	1	4
0.002 - 0.005	80.30	2.40	0.00	0.81	0.00	0.00	96.79	100.00	16	10
0.005 - 0.040	19.73	28.56	22.09	11.01	0.00	0.00	38.35	100.00	19	9
0.040 - 0.5	0.90	56.38	0.36	31.31	3.82	0.00	8.13	100.00	77	32
0.5 - 1.0	0.68	99.75	0.00	0.25	0.00	0.00	0.00	100.00	91	61
1.0 - 2.0	0.18	100.00	0.00	0.00	0.00	0.00	0.00	100.00	32	41
2.0 - 3.0	0.12	81.90	1.15	16.95	0.00	0.00	0.00	100.00	5	17
3.0 - 4.0	0.43	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1	7
4.0 - 5.0	0.07	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1	2
5.0 - 7.5	0.05	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0	3
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.51	81.94	0.96	9.61	1.06	0.00	6.42	100.00	243	186
estd. no. hhs (00)	-	192	6	15	3	0	30	243	-	-
no. of sample hhs	-	161	5	7	1	0	13	186	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Tamil Nadu										rural
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	35.10	100.00	0.00	0.00	0.00	0.00	0.00	100.00	123	2
0.002 - 0.005	45.06	49.63	4.53	26.81	0.00	0.00	19.04	100.00	1768	75
0.005 - 0.040	35.19	70.08	0.55	13.10	0.00	0.00	16.28	100.00	7911	170
0.040 - 0.5	0.91	61.52	0.00	32.53	0.00	0.00	5.94	100.00	6104	177
0.5 - 1.0	1.07	97.00	0.00	0.61	0.00	0.00	2.38	100.00	3861	129
1.0 - 2.0	0.62	96.70	0.00	1.11	0.00	0.00	2.18	100.00	3237	202
2.0 - 3.0	0.15	95.96	0.00	0.19	0.00	0.00	3.85	100.00	1191	68
3.0 - 4.0	1.25	6.36	0.00	0.85	0.00	0.00	92.79	100.00	457	21
4.0 - 5.0	0.61	100.00	0.00	0.00	0.00	0.00	0.00	100.00	449	18
5.0 - 7.5	0.06	100.00	0.00	0.00	0.00	0.00	0.00	100.00	201	11
7.5 - 10.0	0.16	86.05	0.00	1.09	0.00	0.00	12.86	100.00	268	8
10.0 - 20.0	0.01	100.00	0.00	0.00	0.00	0.00	0.00	100.00	23	1
> 20.0	0.04	100.00	0.00	0.00	0.00	0.00	0.00	100.00	11	1
all sizes	0.76	75.76	0.16	8.19	0.00	0.00	15.89	100.00	25603	883
estd. no. hhs (00)	-	20154	101	1917	0	0	3515	25603	-	-
no. of sample hhs	-	712	2	63	0	0	108	883	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Tripura										rural
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	100.00	10.32	0.00	89.68	0.00	0.00	0.00	100.00	13	6
0.002 - 0.005	92.43	35.60	8.30	45.27	0.00	0.00	10.83	100.00	82	43
0.005 - 0.040	52.95	54.68	2.90	40.13	0.00	0.00	2.28	100.00	294	27
0.040 - 0.5	15.44	60.51	4.94	25.44	1.62	0.00	7.49	100.00	807	107
0.5 - 1.0	2.99	38.25	10.36	14.07	31.87	0.00	5.45	100.00	75	30
1.0 - 2.0	1.89	4.96	0.00	52.00	43.05	0.00	0.00	100.00	23	10
2.0 - 3.0	5.95	0.00	0.00	0.00	100.00	0.00	0.00	100.00	9	2
3.0 - 4.0	-	-	-	-	-	-	-	-	0	0
4.0 - 5.0	-	-	-	-	-	-	-	-	0	0
5.0 - 7.5	-	-	-	-	-	-	-	-	0	0
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	8.03	52.74	5.30	24.74	10.82	0.00	6.38	100.00	1303	225
estd. no. hhs (00)	-	656	58	402	86	0	101	1303	-	-
no. of sample hhs	-	91	18	67	33	0	16	225	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Uttar Pradesh										rural
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	74.91	83.11	0.00	0.00	0.00	0.00	16.89	100.00	1398	52
0.002 - 0.005	63.76	75.99	0.33	1.34	0.00	0.06	22.27	100.00	6737	341
0.005 - 0.040	40.58	74.84	1.73	0.74	0.00	0.00	22.69	100.00	14817	324
0.040 - 0.5	1.44	80.29	0.31	0.30	7.58	0.00	11.52	100.00	34913	824
0.5 - 1.0	0.66	83.98	0.06	0.00	0.94	0.06	14.97	100.00	22936	553
1.0 - 2.0	0.63	85.72	0.00	0.19	0.08	0.00	14.01	100.00	18586	719
2.0 - 3.0	0.80	93.81	0.00	0.00	2.69	0.00	3.50	100.00	4754	260
3.0 - 4.0	0.53	84.14	0.00	0.00	0.00	0.00	15.86	100.00	2050	112
4.0 - 5.0	0.31	93.27	0.00	0.00	0.00	0.00	6.73	100.00	875	41
5.0 - 7.5	0.39	98.00	0.00	0.00	0.00	0.00	2.00	100.00	1054	51
7.5 - 10.0	0.53	100.00	0.00	0.00	0.00	0.00	0.00	100.00	116	5
10.0 - 20.0	0.42	100.00	0.00	0.00	0.00	0.00	0.00	100.00	183	9
> 20.0	0.06	100.00	0.00	0.00	0.00	0.00	0.00	100.00	52	1
all sizes	0.80	84.84	0.24	0.20	2.36	0.01	12.34	100.00	108473	3292
estd. no. hhs (00)	-	91795	662	603	178	70	15249	108473	-	-
no. of sample hhs	-	2837	17	13	5	3	420	3292	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

Uttaranchal									rural	
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	67.67	100.00	0.00	0.00	0.00	0.00	0.00	100.00	16	1
0.002 - 0.005	48.29	100.00	0.00	0.00	0.00	0.00	0.00	100.00	73	7
0.005 - 0.040	48.98	100.00	0.00	0.00	0.00	0.00	0.00	100.00	593	15
0.040 - 0.5	1.03	85.89	0.00	0.70	0.00	0.00	13.41	100.00	1915	57
0.5 - 1.0	0.65	75.14	0.00	21.15	0.00	0.00	3.71	100.00	1068	32
1.0 - 2.0	0.48	98.87	0.00	0.00	0.00	0.00	1.13	100.00	447	22
2.0 - 3.0	0.06	1.85	0.00	0.00	0.00	0.00	98.15	100.00	21	3
3.0 - 4.0	-	-	-	-	-	-	-	-	0	0
4.0 - 5.0	-	-	-	-	-	-	-	-	0	0
5.0 - 7.5	0.15	100.00	0.00	0.00	0.00	0.00	0.00	100.00	25	1
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	0.84	86.90	0.00	6.09	0.00	0.00	7.01	100.00	4159	138
estd. no. hhs (00)	-	3862	0	56	0	0	241	4159	-	-
no. of sample hhs	-	126	0	2	0	0	10	138	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

West Bengal										rural
size class of operational holding (ha)	% of area operated for farming of animals	percentage share of area operated for							estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
		dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	99.02	26.51	20.97	25.07	0.00	0.00	27.44	100.00	272	10
0.002 - 0.005	83.83	54.03	2.65	24.47	0.32	0.00	18.53	100.00	1898	149
0.005 - 0.040	71.59	68.78	4.29	17.22	0.70	0.00	9.01	100.00	10866	269
0.040 - 0.5	2.84	31.43	0.00	10.97	50.91	0.00	6.69	100.00	8204	215
0.5 - 1.0	1.89	11.89	0.00	9.18	58.99	2.00	17.95	100.00	3735	132
1.0 - 2.0	2.38	4.76	0.00	2.33	81.40	0.00	11.52	100.00	1842	141
2.0 - 3.0	6.73	0.36	0.00	0.01	62.90	0.00	36.73	100.00	379	33
3.0 - 4.0	8.85	0.27	0.00	0.00	99.67	0.00	0.06	100.00	139	12
4.0 - 5.0	7.17	0.20	0.00	0.00	99.80	0.00	0.00	100.00	31	2
5.0 - 7.5	17.16	2.16	0.00	0.34	97.50	0.00	0.00	100.00	27	5
7.5 - 10.0	-	-	-	-	-	-	-	-	0	0
10.0 - 20.0	-	-	-	-	-	-	-	-	0	0
> 20.0	-	-	-	-	-	-	-	-	0	0
all sizes	3.54	18.30	0.54	6.50	60.34	0.33	13.99	100.00	27394	968
estd. no. hhs (00)	-	14991	470	4233	5458	63	2836	27394	-	-
no. of sample hhs	-	501	10	138	241	1	108	968	-	-

Table 2R: Percentage distribution of land operated for farming of animals for each size class of household operational holding

all-India		percentage share of area operated for							rural	
size class of operational holding (ha)	% of area operated for farming of animals	dairy	piggery	poultry/duckery	fish-ery	bee keep-ing	farm-ing of other ani-mals	all	estd. no. of hhs with plots used mainly for animal farming (00)	no. of sample hhs reporting plots used mainly for animal farming
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
nil	-	-	-	-	-	-	-	-	-	-
≤ 0.002	77.66	68.61	1.57	9.49	0.00	0.00	20.33	100.00	9609	299
0.002 - 0.005	66.26	69.58	1.78	8.20	0.09	0.01	20.34	100.00	36784	1835
0.005 - 0.040	50.42	70.56	2.85	13.78	0.13	0.00	12.68	100.00	86812	2098
0.040 - 0.5	1.91	56.49	0.76	16.95	16.27	0.58	8.95	100.00	102511	2902
0.5 - 1.0	0.80	54.34	0.27	3.64	31.29	0.38	10.08	100.00	74207	2203
1.0 - 2.0	0.59	51.14	0.27	1.76	32.44	0.00	14.40	100.00	63171	2828
2.0 - 3.0	0.58	47.67	0.03	0.23	31.61	0.00	20.46	100.00	25469	1244
3.0 - 4.0	0.52	38.77	9.14	2.26	38.41	1.17	10.25	100.00	13015	653
4.0 - 5.0	0.43	58.86	0.11	0.63	37.20	0.00	3.20	100.00	9019	545
5.0 - 7.5	0.42	45.06	0.03	1.52	12.45	0.00	40.94	100.00	9171	512
7.5 - 10.0	0.23	78.36	0.00	0.06	17.04	0.00	4.54	100.00	3110	179
10.0 - 20.0	0.22	88.59	0.00	0.60	0.00	0.00	10.81	100.00	4265	161
> 20.0	0.22	91.11	0.00	0.00	6.88	0.00	2.02	100.00	797	30
all sizes	0.72	55.87	1.16	6.58	22.65	0.26	13.49	100.00	437940	15489
estd. no. hhs (00)	-	342444	3496	20160	7989	254	65196	437940	-	-
no. of sample hhs	-	11874	259	964	398	11	2062	15489	-	-

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Andhra Pradesh																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females						young stock			total		
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male		fe-male	all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		(17)	(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	162	0	0	0	162	0	162	162	323
0.002 - 0.005	0	0	90	0	0	90	0	0	2	103	6	145	4	260	53	35	88	438
0.005 - 0.040	0	0	138	1	47	186	0	18	66	125	17	79	6	310	67	106	174	669
0.040 - 0.5	7	2	79	8	0	96	0	2	14	55	5	34	2	112	35	39	73	281
0.5 - 1.0	0	12	394	11	9	428	0	14	32	89	21	93	11	261	109	146	255	944
1.0 - 2.0	0	19	553	32	14	618	0	21	24	89	19	114	0	267	139	120	259	1144
2.0 - 3.0	1	10	796	19	8	834	0	45	32	171	23	101	14	385	100	173	273	1492
3.0 - 4.0	2	0	1393	52	0	1447	0	3	3	185	12	263	0	467	146	148	294	2208
4.0 - 5.0	0	0	907	60	0	967	0	19	11	234	15	468	0	746	151	203	354	2067
5.0 - 7.5	27	0	1299	318	0	1644	0	0	35	444	75	144	0	698	133	55	187	2528
7.5 - 10.0	0	0	1853	0	0	1853	0	0	37	176	0	119	0	332	154	198	352	2537
10.0 - 20.0	0	11	2629	68	489	3198	0	0	109	718	0	3304	219	4349	591	1390	1981	9528
>20.0	0	0	0	2000	0	2000	0	0	0	264	0	264	0	528	264	0	264	2792
all sizes	1	4	203	12	7	226	0	7	12	51	7	60	3	140	45	56	101	467
estd. no. of hhs (00)	151	306	13395	905	404	14788	0	536	1363	5614	769	4494	244	10848	4396	5623	8796	22104
no. of sample hhs	7	9	423	24	9	464	0	17	41	181	27	136	7	339	136	175	270	691

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Arunachal Pradesh																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	296	0	155	451	0	0	0	32	0	0	0	32	0	32	32	515
0.002 - 0.005	0	405	238	75	463	1181	0	492	16	151	0	50	963	1672	573	767	1339	4192
0.005 - 0.040	0	0	0	184	696	1388	0	403	0	323	0	0	419	1145	1324	489	1813	4345
0.040 - 0.5	0	113	394	41	175	722	33	100	24	127	0	67	289	640	246	200	445	1807
0.5 - 1.0	0	172	339	122	403	1036	0	142	0	67	0	51	327	587	300	244	544	2167
1.0 - 2.0	0	65	836	215	478	1594	0	175	16	198	0	98	559	1047	288	248	536	3176
2.0 - 3.0	0	269	735	266	430	1701	5	216	16	224	5	127	2	596	175	202	378	2675
3.0 - 4.0	0	291	254	0	214	758	0	0	0	63	0	0	0	63	35	29	63	885
4.0 - 5.0	0	616	599	0	288	1503	0	171	0	97	0	24	616	909	797	1384	2182	4594
5.0 - 7.5	0	0	712	0	285	997	0	548	0	534	0	0	274	1355	178	630	808	3160
7.5 - 10.0	0	0	1284	0	410	1694	0	321	18	642	18	321	410	1730	847	526	1373	4797
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	153	459	113	319	1044	6	148	10	138	1	60	304	667	273	246	519	2230
estd. no. of hhs (00)	0	118	244	88	214	513	9	161	11	164	1	66	181	393	280	241	327	581
no. of sample hhs	0	24	123	20	71	189	2	55	12	64	2	29	58	148	101	94	122	213

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Assam																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro-ss-bre-ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	21	407	16	0	444	0	29	9	171	0	76	3	289	57	91	148	882
0.005 - 0.040	0	0	42	0	2	44	9	10	52	207	19	95	52	443	113	215	328	815
0.040 - 0.5	0	9	562	51	9	632	3	29	15	353	6	125	60	591	198	186	384	1607
0.5 - 1.0	0	19	1320	154	51	1544	7	77	24	534	3	246	81	972	330	290	619	3135
1.0 - 2.0	5	49	1700	186	90	2030	0	57	40	663	11	336	139	1246	456	433	889	4165
2.0 - 3.0	0	177	2336	231	49	2793	15	34	157	1128	84	365	169	1953	748	861	1609	6355
3.0 - 4.0	0	0	2801	498	0	3299	0	94	0	1033	0	935	422	2483	603	374	978	6760
4.0 - 5.0	0	0	4798	0	0	4798	0	0	0	1435	0	363	82	1881	1049	406	1455	8134
5.0 - 7.5	0	63	3323	173	171	3729	0	171	0	1680	0	86	675	2612	1036	86	1123	7464
7.5 - 10.0	0	0	0	0	0	0	0	0	0	1000	0	0	0	1000	0	1000	1000	2000
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	1	21	843	89	30	983	4	38	25	398	8	171	72	717	247	238	485	2185
estd. no. of hhs (00)	17	562	15968	1774	879	17800	107	1381	782	13679	219	5678	2254	18667	9006	8597	14584	24023
no. of sample hhs	1	41	892	116	52	1017	7	72	45	796	15	350	120	1085	556	496	848	1363

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Bihar																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	total
	adult males						adult females							young stock				
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male	fe-male	all	
	cross-breed	others					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
nil	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	5
≤ 0.002	0	0	77	0	0	77	0	38	0	163	0	354	12	567	90	93	183	826
0.002 - 0.005	0	5	57	18	43	123	0	31	20	183	7	166	10	417	118	160	278	817
0.005 - 0.040	0	0	21	8	5	41	0	13	18	189	3	158	0	382	108	201	309	732
0.040 - 0.5	5	11	192	9	6	222	0	4	27	153	7	79	6	275	106	113	219	717
0.5 - 1.0	1	37	491	11	5	545	0	2	21	312	10	84	0	430	133	205	337	1311
1.0 - 2.0	13	30	701	21	31	795	2	14	58	231	46	131	9	492	160	229	389	1677
2.0 - 3.0	0	43	520	72	0	635	28	34	28	383	5	270	0	748	409	341	750	2133
3.0 - 4.0	0	138	891	5	19	1052	0	29	0	666	0	157	0	852	275	421	696	2600
4.0 - 5.0	0	914	886	0	0	1800	72	72	79	1004	0	178	0	1404	494	268	763	3967
5.0 - 7.5	0	0	70	0	0	70	0	0	25	647	0	0	0	673	287	322	609	1352
7.5 - 10.0	0	0	360	0	0	360	0	0	286	232	0	0	349	866	0	222	222	1448
10.0 - 20.0	0	0	931	0	0	931	0	0	0	269	776	0	0	1045	0	0	0	1976
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	3	17	211	9	8	247	1	7	19	154	9	82	4	276	93	119	212	735
estd. no. of hhs (00)	248	950	15476	666	632	17610	98	787	2064	14619	748	8191	392	24244	8866	10884	18091	40527
no. of sample hhs	6	29	645	22	18	707	6	36	84	547	29	297	16	903	334	416	681	1521

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Chhattisgarh																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-breed ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	119	0	0	119	0	250	0	59	125	67	0	501	139	400	538	1159
0.002 - 0.005	0	0	292	15	30	337	0	66	0	215	0	256	13	549	403	342	745	1631
0.005 - 0.040	0	0	286	0	0	286	0	28	0	81	0	283	27	420	464	221	685	1391
0.040 - 0.5	0	21	247	68	4	340	3	14	6	176	0	163	42	405	287	270	557	1302
0.5 - 1.0	0	0	807	134	60	1000	0	43	14	197	0	305	21	581	337	353	691	2272
1.0 - 2.0	0	56	1073	52	62	1244	0	78	13	248	17	334	81	771	383	457	840	2855
2.0 - 3.0	0	0	1238	357	39	1634	0	107	0	378	8	524	169	1186	696	572	1268	4088
3.0 - 4.0	0	0	1497	358	73	1928	0	165	0	459	65	553	169	1411	839	497	1336	4674
4.0 - 5.0	0	0	2003	132	95	2229	0	363	71	775	0	1550	79	2839	1032	962	1994	7062
5.0 - 7.5	0	0	1297	439	25	1760	0	88	8	704	0	722	360	1882	591	1290	1881	5523
7.5 - 10.0	0	0	193	116	0	309	0	0	0	579	0	950	0	1530	1093	556	1649	3488
10.0 - 20.0	0	0	1871	0	0	1871	0	240	448	478	132	2574	0	3871	2004	2140	4144	9886
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	15	698	111	35	858	1	59	11	219	8	314	61	674	372	365	738	2269
estd. no. of hhs (00)	0	356	11487	1803	788	13518	19	1461	250	5485	197	7303	1337	12665	8397	7903	12150	20644
no. of sample hhs	0	7	351	55	28	414	1	53	11	186	7	252	40	418	278	259	385	629

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Gujarat																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	total
	adult males						adult females							young stock				
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male	all	
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	119	0	0	119	0	0	0	60	0	60	0	120	0	26	26	265
0.002 - 0.005	0	18	11	3	0	32	0	0	3	58	0	47	0	108	10	103	113	253
0.005 - 0.040	0	0	27	0	0	27	0	0	5	172	0	115	14	305	18	148	166	498
0.040 - 0.5	0	0	351	67	0	418	0	1	15	145	16	145	0	322	44	144	188	929
0.5 - 1.0	0	3	652	103	0	759	0	2	6	170	1	143	1	323	130	150	280	1361
1.0 - 2.0	0	0	541	94	0	636	0	18	59	268	23	201	0	569	134	286	419	1624
2.0 - 3.0	0	0	724	65	32	822	0	0	41	348	21	219	0	629	221	257	478	1929
3.0 - 4.0	0	13	657	77	0	747	0	0	34	314	9	129	0	486	169	113	281	1514
4.0 - 5.0	0	0	872	55	0	927	0	0	61	412	5	14	0	493	82	261	343	1763
5.0 - 7.5	0	48	1042	345	80	1515	0	44	16	588	86	332	44	1110	150	278	428	3052
7.5 - 10.0	0	8	1474	15	9	1506	0	45	49	706	0	202	0	1001	239	638	877	3384
10.0 - 20.0	0	32	1113	187	90	1421	0	0	0	617	83	243	16	959	78	480	558	2938
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	4	328	52	5	388	0	4	16	153	10	100	2	286	64	130	194	868
estd. no. of hhs (00)	0	236	10739	1516	294	12330	0	221	771	7513	599	4386	138	11614	3038	5637	7802	18816
no. of sample hhs	0	6	303	38	5	340	0	9	29	185	15	113	4	287	81	144	195	502

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Haryana																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	total
	adult males						adult females							young stock				
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male	all	
	cross - breed	oth - ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	29	0	50	0	79	11	18	29	109
0.002 - 0.005	0	0	0	0	0	0	6	6	80	84	8	84	0	268	83	83	166	434
0.005 - 0.040	0	0	22	0	0	22	0	0	21	95	50	56	0	222	136	97	234	478
0.040 - 0.5	0	0	15	26	0	41	0	2	38	74	15	11	2	144	29	164	193	378
0.5 - 1.0	8	0	149	0	0	157	5	0	40	227	8	57	0	336	108	214	322	814
1.0 - 2.0	0	0	244	0	0	244	0	0	33	103	13	95	0	244	178	80	258	747
2.0 - 3.0	0	3	363	5	8	379	6	0	57	91	49	38	0	241	82	181	263	883
3.0 - 4.0	0	0	268	105	14	386	37	12	63	280	9	12	0	413	250	200	450	1250
4.0 - 5.0	0	0	217	0	0	217	0	0	2	200	26	0	0	228	130	116	246	691
5.0 - 7.5	0	0	229	23	0	252	0	22	61	360	196	135	0	775	273	246	519	1546
7.5 - 10.0	0	0	366	0	0	366	0	0	106	187	27	47	0	366	380	163	543	1275
10.0 - 20.0	0	0	231	0	0	231	0	10	368	338	219	266	0	1201	82	909	991	2423
>20.0	537	0	1596	0	0	2133	537	0	116	44	116	66	0	878	1189	1095	2284	5295
all sizes	2	0	85	7	1	94	3	1	28	87	23	37	0	179	85	97	182	455
estd. no. of hhs (00)	50	4	1904	170	15	2107	98	39	848	2665	648	1077	9	4940	2387	2532	4385	7133
no. of sample hhs	2	1	94	7	3	105	7	6	40	108	27	41	1	204	90	101	171	296

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Himachal Pradesh																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-breed ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	376	381	0	757	0	0	1514	381	0	381	1894
0.002 - 0.005	0	0	0	0	0	0	0	0	0	50	0	0	304	353	0	50	50	403
0.005 - 0.040	0	0	0	0	0	0	0	0	9	103	0	180	9	301	27	113	139	440
0.040 - 0.5	1	1	336	83	5	426	8	11	118	176	42	174	2	531	159	202	361	1318
0.5 - 1.0	6	8	658	70	0	743	2	19	174	271	80	273	20	841	224	216	440	2024
1.0 - 2.0	0	17	817	188	10	1033	1	7	219	376	59	234	30	925	390	349	739	2697
2.0 - 3.0	0	0	827	274	67	1168	4	0	340	327	201	244	10	1126	331	424	755	3049
3.0 - 4.0	0	206	566	323	0	1095	0	0	181	220	10	189	64	665	0	194	194	1954
4.0 - 5.0	0	0	1192	81	127	1401	0	0	168	937	0	937	0	2043	469	469	937	4381
5.0 - 7.5	0	0	0	0	0	0	23	0	413	0	0	0	0	436	280	304	585	1020
7.5 - 10.0	0	0	3000	0	0	3000	0	1000	0	2000	0	0	0	3000	1000	1000	2000	8000
10.0 - 20.0	0	0	0	0	0	0	0	0	0	2000	0	0	0	2000	2000	2000	4000	6000
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	2	7	398	81	5	493	4	11	121	190	46	167	10	549	169	187	356	1398
estd. no. of hhs (00)	23	43	2575	495	55	3146	47	127	1290	1955	451	1626	123	4657	1519	1911	2944	5875
no. of sample hhs	2	5	265	60	8	332	6	16	158	221	64	165	16	505	179	217	336	623

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Jammu & Kashmir																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male	fe-male		all
	cross-breed	others					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	1000	0	1000	0	0	0	1000
0.002 - 0.005	0	0	0	0	0	0	129	0	1000	0	0	50	0	1179	25	792	817	1996
0.005 - 0.040	0	0	0	0	0	51	0	0	77	170	10	438	58	753	263	168	431	1236
0.040 - 0.5	0	0	228	133	0	362	5	14	192	341	22	109	4	687	318	329	647	1696
0.5 - 1.0	0	0	540	186	7	733	0	62	249	439	32	102	0	885	334	493	827	2445
1.0 - 2.0	0	0	715	176	0	891	4	8	205	411	40	385	0	1054	290	532	822	2767
2.0 - 3.0	0	0	994	357	0	1351	0	36	168	444	14	580	0	1242	387	661	1048	3641
3.0 - 4.0	83	0	526	221	0	829	0	0	184	544	0	13	73	814	628	740	1368	3012
4.0 - 5.0	0	0	1153	0	0	1153	0	52	166	205	0	422	5	850	479	920	1400	3402
5.0 - 7.5	0	0	1332	668	0	2000	0	0	0	666	0	334	0	1000	1332	666	1998	4998
7.5 - 10.0	0	0	1924	0	0	1924	0	0	692	0	0	0	0	692	692	0	692	3308
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	1000	0	0	0	0	1000	0	1000	1000	2000
all sizes	1	1	399	151	2	554	3	23	191	350	24	170	4	765	308	395	703	2022
estd. no. of hhs (00)	12	12	2319	985	14	3331	33	232	1686	3379	241	1321	46	6192	2748	3542	5268	7461
no. of sample hhs	1	1	197	85	3	285	9	11	258	254	33	83	4	586	260	306	444	660

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Jharkhand																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-bred	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	136	0	0	0	136	136	0	136	273
0.002 - 0.005	0	0	157	0	0	157	0	0	0	185	0	190	0	376	0	205	205	737
0.005 - 0.040	0	0	475	25	0	507	0	32	0	110	0	476	0	618	99	192	292	1417
0.040 - 0.5	0	29	719	133	24	906	0	39	2	135	10	211	16	413	166	101	267	1586
0.5 - 1.0	0	16	1114	58	26	1213	0	28	0	239	7	342	22	639	214	146	360	2213
1.0 - 2.0	0	29	1465	153	4	1651	0	53	3	422	15	525	47	1063	318	326	644	3358
2.0 - 3.0	0	0	1720	22	44	1786	1	2	28	844	0	831	0	1707	842	398	1240	4734
3.0 - 4.0	0	0	2422	0	114	2536	0	5	0	354	0	217	0	575	484	86	570	3681
4.0 - 5.0	0	0	1312	241	0	1553	0	13	0	544	0	232	104	892	714	204	918	3364
5.0 - 7.5	0	0	3273	0	0	3273	0	0	0	949	0	513	0	1462	1078	988	2066	6801
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	4000	0	0	4000	0	0	0	0	0	1000	0	1000	0	0	0	5000
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	18	785	86	17	906	0	29	2	191	7	264	17	510	184	138	322	1738
estd. no. of hhs (00)	0	353	13477	1526	287	15393	1	626	53	5159	250	6040	334	10293	4908	3877	6862	19121
no. of sample hhs	0	13	543	56	11	609	1	26	5	222	8	238	8	424	194	153	277	747

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Karnataka																		rural	
size class of operational holding (ha)	number of cattle owned per 1000 households																	total	
	adult males						adult females						young stock						
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male		fe-male		all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
≤ 0.002	0	15	106	0	0	121	0	42	10	52	0	231	0	334	109	36	145	600	
0.002 - 0.005	0	0	92	0	0	92	0	21	110	38	0	30	21	220	3	235	237	549	
0.005 - 0.040	0	0	55	6	18	80	0	186	87	185	12	331	26	827	68	112	180	1086	
0.040 - 0.5	0	0	235	52	0	287	0	11	47	176	24	85	24	366	79	108	186	840	
0.5 - 1.0	0	18	444	94	21	576	0	34	95	194	39	172	13	546	175	204	379	1501	
1.0 - 2.0	6	1	720	59	8	794	0	65	93	266	25	172	24	644	188	250	437	1876	
2.0 - 3.0	0	44	1011	87	1	1143	0	15	41	345	5	258	26	691	187	312	499	2333	
3.0 - 4.0	0	10	1373	149	52	1584	5	57	157	245	13	343	24	843	97	309	405	2833	
4.0 - 5.0	0	0	1460	70	53	1584	0	32	72	437	0	332	60	934	152	353	505	3023	
5.0 - 7.5	0	0	1589	0	17	1606	0	10	78	431	0	271	29	819	278	176	453	2878	
7.5 - 10.0	0	44	1691	368	78	2180	24	0	95	541	47	349	0	1058	667	489	1155	4393	
10.0 - 20.0	0	0	1627	67	247	1941	0	19	92	785	0	164	4	1064	417	586	1003	4007	
>20.0	0	0	603	1414	302	2318	0	0	0	888	0	0	0	888	293	0	293	3499	
all sizes	1	6	390	45	10	452	0	31	51	160	14	127	15	399	99	138	237	1088	
estd. no. of hhs (00)	31	218	13398	1588	467	15342	18	1835	2750	8273	744	6368	858	16592	4874	7480	10620	27405	
no. of sample hhs	1	10	493	55	19	560	3	45	113	307	27	193	27	580	179	268	376	920	

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Kerala																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	total
	adult males						adult females							young stock				
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male	fe-male	all	
	cross-breed	others					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	361	0	0	0	0	361	0	0	0	361
0.005 - 0.040	4	4	0	0	0	4	11	10	128	44	29	14	0	236	41	165	207	446
0.040 - 0.5	4	2	0	3	0	9	6	6	106	44	45	17	2	226	58	138	196	431
0.5 - 1.0	4	0	22	0	0	27	18	8	200	75	60	17	13	391	66	226	292	710
1.0 - 2.0	18	0	22	0	4	44	17	56	174	119	54	37	0	456	99	266	365	865
2.0 - 3.0	0	0	0	0	7	7	71	0	319	59	48	0	0	497	46	295	341	844
3.0 - 4.0	0	0	0	0	0	0	25	0	300	73	492	0	0	890	98	408	506	1396
4.0 - 5.0	0	0	0	0	0	0	0	0	897	304	867	0	0	2068	0	0	0	2068
5.0 - 7.5	0	0	0	0	0	0	0	0	250	464	0	871	0	1585	0	250	250	1835
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	3	1	2	1	0	8	6	6	80	33	31	11	2	168	36	100	136	312
estd. no. of hhs (00)	125	48	60	30	9	272	295	257	3347	1530	1316	502	93	6567	1637	4592	5860	8260
no. of sample hhs	10	2	6	1	2	21	15	13	158	78	56	28	3	310	80	211	271	385

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Madhya Pradesh																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	19	430	0	21	469	0	11	7	318	0	332	21	688	51	518	569	1726
0.002 - 0.005	0	2	95	2	1	99	0	76	0	122	4	270	0	473	135	225	360	933
0.005 - 0.040	0	0	432	0	0	432	0	18	17	307	0	413	26	781	237	337	574	1787
0.040 - 0.5	0	8	331	34	39	413	0	22	8	190	19	193	10	442	170	222	392	1247
0.5 - 1.0	0	16	803	41	53	914	0	41	0	432	4	944	57	1477	345	503	848	3239
1.0 - 2.0	4	20	889	107	44	1065	0	83	11	298	9	399	72	872	357	402	759	2695
2.0 - 3.0	0	8	1254	58	44	1364	0	137	14	647	4	504	134	1440	543	602	1145	3949
3.0 - 4.0	0	7	976	35	6	1025	0	95	37	427	7	699	38	1303	397	820	1216	3544
4.0 - 5.0	2	218	1181	138	4	1543	0	30	24	504	30	738	20	1346	632	542	1174	4063
5.0 - 7.5	0	2	1191	42	9	1244	0	83	9	735	12	631	59	1528	626	583	1208	3980
7.5 - 10.0	0	117	1161	102	20	1400	2	31	2	928	0	772	39	1775	390	720	1110	4285
10.0 - 20.0	44	0	1341	49	5	1439	0	156	4	1514	0	867	19	2560	1095	1149	2244	6243
>20.0	0	0	1472	0	0	1472	0	221	0	519	0	1228	0	1967	1285	226	1511	4950
all sizes	1	16	586	42	25	670	0	49	8	296	7	401	39	799	268	348	615	2085
estd. no. of hhs (00)	61	771	27175	1893	1183	29977	2	3101	634	20599	451	20389	1502	36547	15890	20430	29690	51744
no. of sample hhs	3	21	835	72	31	933	1	92	24	653	18	592	43	1111	520	583	860	1503

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Maharashtra																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male	fe-male		all
	cross-breed	others					cross-breed	others	cross-breed	others								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	334	0	0	334	26	83	0	61	63	36	0	270	445	145	590	1194
0.002 - 0.005	4	21	58	0	0	82	0	10	76	139	21	100	5	350	153	130	283	716
0.005 - 0.040	0	0	41	0	76	117	0	46	78	211	41	118	0	494	137	172	309	920
0.040 - 0.5	5	26	265	13	25	335	3	0	15	96	14	84	14	226	48	85	133	694
0.5 - 1.0	0	2	500	65	35	602	16	23	95	148	29	112	3	426	106	184	290	1319
1.0 - 2.0	5	26	621	59	25	736	4	15	86	163	46	131	16	460	158	183	341	1537
2.0 - 3.0	0	13	811	148	24	995	15	30	97	223	29	130	18	541	141	190	331	1867
3.0 - 4.0	8	10	1163	120	8	1310	0	2	93	220	127	219	28	689	178	282	460	2459
4.0 - 5.0	0	18	1384	87	29	1518	0	17	107	313	77	251	18	782	272	308	580	2881
5.0 - 7.5	0	24	1664	185	63	1936	30	53	146	397	56	274	36	991	403	293	697	3624
7.5 - 10.0	0	60	1702	32	0	1794	39	16	321	725	131	539	41	1812	690	974	1664	5270
10.0 - 20.0	0	19	2126	572	98	2815	59	195	359	1330	184	873	120	3119	461	827	1288	7223
>20.0	0	0	1066	1402	0	2468	0	0	0	798	0	255	0	1053	474	876	1350	4871
all sizes	2	10	387	45	19	463	6	13	52	122	26	89	9	317	96	121	217	997
estd. no. of hhs (00)	178	695	22796	2568	1262	26715	531	1202	4196	10913	2030	7630	733	23365	8186	10613	16033	40239
no. of sample hhs	5	21	848	101	35	979	24	55	163	385	81	260	34	826	305	366	555	1377

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Manipur		rural																
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females								young stock			total
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male	all	
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	31	0	0	0	0	31	0	0	0	31
0.005 - 0.040	0	0	32	0	0	32	0	0	0	20	0	8	0	28	20	8	28	88
0.040 - 0.5	2	18	93	8	1	122	14	15	12	54	7	20	0	121	100	75	174	417
0.5 - 1.0	30	15	179	50	11	285	0	5	24	33	1	61	0	124	47	90	137	546
1.0 - 2.0	14	1	376	2	0	392	4	4	38	106	5	49	84	290	78	93	171	854
2.0 - 3.0	0	0	264	0	0	264	26	0	0	51	112	74	51	314	0	217	217	796
3.0 - 4.0	0	0	1782	0	0	1782	0	0	0	1509	0	0	0	1509	755	1509	2264	5554
4.0 - 5.0	0	0	0	0	0	0	0	2000	0	2000	0	0	0	4000	0	0	0	4000
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	12	11	145	19	4	191	6	11	17	50	5	34	12	135	63	73	136	462
estd. no. of hhs (00)	25	15	202	29	10	251	9	19	30	112	12	48	9	206	101	145	193	385
no. of sample hhs	6	7	89	8	3	102	3	7	11	42	5	26	4	86	40	51	72	160

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Meghalaya																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	79	0	79	0	0	0	158	0	0	0	158
0.005 - 0.040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.040 - 0.5	0	0	149	0	5	153	0	17	0	45	0	14	0	75	55	78	133	362
0.5 - 1.0	0	10	520	61	33	624	0	46	21	190	7	58	11	333	123	125	248	1205
1.0 - 2.0	0	20	526	81	103	730	8	171	12	151	3	91	125	560	144	159	304	1594
2.0 - 3.0	0	270	445	138	55	908	0	135	0	67	0	51	695	948	226	268	494	2351
3.0 - 4.0	0	187	1096	42	270	1596	0	83	0	212	0	0	42	337	150	83	233	2166
4.0 - 5.0	0	0	1626	520	0	2146	0	120	0	660	0	0	0	780	539	270	809	3736
5.0 - 7.5	0	0	760	0	0	760	0	0	0	20	0	16	0	36	10	10	20	816
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	27	364	48	40	479	1	60	8	110	3	39	65	285	96	101	197	960
estd. no. of hhs (00)	0	57	462	62	67	610	5	116	19	253	8	106	48	381	246	260	392	816
no. of sample hhs	0	10	113	18	20	148	1	26	5	65	3	31	10	94	53	60	85	191

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Mizoram																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	total
	adult males						adult females							young stock				
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male	all	
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	0	0	0	166	0	166	0	166	0	0	0	333	0	333	333	831
0.040 - 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.5 - 1.0	0	0	7	8	4	19	0	1	0	18	0	0	0	20	0	0	0	39
1.0 - 2.0	6	13	92	0	0	110	6	0	6	23	6	20	0	59	28	25	54	223
2.0 - 3.0	0	0	562	0	0	562	0	0	0	0	0	0	0	0	0	0	0	562
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	6000	0	0	6000	0	0	0	0	0	0	0	0	0	0	0	6000
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	1	10	114	2	1	129	1	7	1	17	1	5	0	33	7	20	26	189
estd. no. of hhs (00)	1	9	31	1	1	42	1	7	1	13	1	4	0	16	5	11	13	44
no. of sample hhs	1	3	6	1	1	11	1	2	1	6	1	3	0	9	4	4	6	13

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Nagaland																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	total
	adult males						adult females							young stock				
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male	all	
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.040 - 0.5	27	0	0	0	0	27	55	0	110	0	27	0	0	192	0	27	27	246
0.5 - 1.0	0	0	0	37	0	37	0	0	0	2	0	0	0	2	4	2	6	45
1.0 - 2.0	0	4	45	8	0	57	23	1	15	7	0	3	0	49	12	19	31	137
2.0 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	4	1	13	14	0	32	15	0	21	2	4	1	0	44	5	10	15	91
estd. no. of hhs (00)	4	0	6	4	0	15	10	0	6	2	4	0	0	14	2	8	8	18
no. of sample hhs	1	1	1	2	0	5	2	1	2	3	1	1	0	6	3	5	5	8

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Orissa																		rural	
size class of operational holding (ha)	number of cattle owned per 1000 households																	total	
	adult males						adult females						young stock						
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male		fe-male		all
	cross-breed	others					cross-breed	others	cross-breed	others	cross-breed	others							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
≤ 0.002	0	0	378	0	0	378	0	0	0	337	0	46	0	383	0	185	185	946	
0.002 - 0.005	0	0	382	0	14	396	0	8	83	136	0	388	0	615	439	93	533	1544	
0.005 - 0.040	0	0	151	0	35	186	0	14	23	185	16	440	0	678	360	392	752	1616	
0.040 - 0.5	0	12	544	24	21	600	0	10	9	79	4	183	9	294	113	141	255	1149	
0.5 - 1.0	6	39	1058	67	12	1182	0	16	28	187	11	331	1	574	217	205	421	2178	
1.0 - 2.0	1	4	1225	86	2	1318	0	34	16	251	22	443	13	779	238	298	535	2633	
2.0 - 3.0	4	3	1350	48	56	1460	0	10	10	293	11	774	0	1098	326	386	712	3270	
3.0 - 4.0	0	103	1570	244	0	1916	0	11	11	252	8	768	0	1049	853	677	1530	4496	
4.0 - 5.0	0	0	1787	0	0	1787	0	0	0	451	0	533	92	1076	184	276	461	3324	
5.0 - 7.5	0	0	2019	345	0	2364	112	0	44	478	24	1239	0	1898	951	680	1631	5893	
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.0 - 20.0	0	0	14000	0	0	14000	0	0	0	3000	0	3000	0	6000	3000	4000	7000	27000	
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
all sizes	1	12	590	34	13	650	1	11	13	117	7	235	5	388	151	161	312	1350	
estd. no. of hhs (00)	91	497	20449	1113	655	22517	17	618	728	5731	427	9801	246	15559	7833	8516	13672	31293	
no. of sample hhs	3	12	659	40	19	719	1	19	30	219	20	321	9	527	262	297	456	987	

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Punjab																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male	fe-male		all
	cross-breed	others					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	13	0	0	0	13	0	13	13	27
0.002 - 0.005	0	0	0	0	0	0	0	22	239	154	40	110	167	732	32	225	257	989
0.005 - 0.040	0	0	16	2	0	18	18	22	120	132	73	35	0	400	20	221	241	660
0.040 - 0.5	40	0	61	0	0	101	17	28	160	87	10	72	17	390	36	214	250	741
0.5 - 1.0	0	69	141	0	0	209	82	10	75	176	15	46	0	403	54	179	233	845
1.0 - 2.0	0	60	189	0	1	250	73	13	335	128	59	18	0	626	129	370	498	1375
2.0 - 3.0	2	0	241	53	16	312	14	4	250	286	122	63	0	739	171	424	595	1646
3.0 - 4.0	0	0	317	29	0	346	153	44	189	162	43	153	11	755	104	150	253	1355
4.0 - 5.0	0	0	274	103	0	377	16	12	274	112	51	69	0	535	3	209	212	1124
5.0 - 7.5	0	0	230	9	12	250	215	139	303	255	417	244	5	1578	55	617	672	2500
7.5 - 10.0	43	0	211	0	0	255	0	6	1415	5	147	6	0	1579	234	753	987	2820
10.0 - 20.0	0	0	401	29	0	430	67	0	457	104	25	94	0	747	77	338	414	1591
>20.0	0	0	913	0	0	913	0	0	55	913	0	111	0	1078	913	0	913	2903
all sizes	4	9	74	7	1	96	27	15	141	101	48	39	8	379	43	186	229	704
estd. no. of hhs (00)	67	129	1970	218	40	2396	577	334	3127	2589	1058	989	147	7292	1184	4361	5153	9701
no. of sample hhs	3	2	106	11	4	124	28	21	151	106	49	43	4	331	58	194	232	449

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Rajasthan																		rural	
size class of operational holding (ha)	number of cattle owned per 1000 households																	total	
	adult males						adult females						young stock						
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male		fe-male		all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
≤ 0.002	0	0	0	40	44	85	0	0	111	121	5	118	0	355	68	145	212	652	
0.002 - 0.005	0	4	13	7	0	24	35	74	53	181	0	187	25	555	107	199	306	885	
0.005 - 0.040	0	0	26	0	0	26	14	20	14	266	0	123	6	443	83	175	259	728	
0.040 - 0.5	0	12	331	97	0	441	0	23	11	167	8	211	5	426	128	157	284	1150	
0.5 - 1.0	0	0	520	131	0	651	0	24	8	174	18	344	7	575	195	203	398	1624	
1.0 - 2.0	4	7	216	45	7	280	4	28	9	265	12	263	14	596	133	240	373	1248	
2.0 - 3.0	0	3	215	27	11	255	2	38	26	396	11	328	0	801	308	241	549	1605	
3.0 - 4.0	0	23	244	7	11	285	0	17	38	403	48	292	43	840	259	295	554	1679	
4.0 - 5.0	0	35	223	2	0	260	0	20	74	483	35	411	0	1023	330	475	805	2088	
5.0 - 7.5	0	5	116	20	3	144	0	58	28	691	31	375	27	1211	266	520	786	2141	
7.5 - 10.0	0	26	99	19	0	144	0	33	238	575	212	413	0	1471	413	332	746	2360	
10.0 - 20.0	0	4	80	10	6	101	0	104	27	1260	2	828	46	2267	461	946	1407	3775	
>20.0	0	0	212	0	19	232	0	160	106	1609	41	716	0	2633	375	2107	2482	5347	
all sizes	1	7	235	52	4	299	2	28	21	286	16	265	10	629	173	243	416	1343	
estd. no. of hhs (00)	49	278	9089	2093	172	11576	147	1329	1001	15719	827	12494	465	25714	9277	11686	17936	31404	
no. of sample hhs	1	14	292	79	9	390	4	52	42	563	31	466	15	938	349	439	655	1111	

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Sikkim																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67	67
0.002 - 0.005	14	0	0	0	0	14	0	0	44	17	0	99	0	160	56	55	112	285
0.005 - 0.040	0	0	0	0	0	0	0	57	0	70	0	5	0	131	5	112	117	248
0.040 - 0.5	0	13	69	40	6	128	0	53	25	416	19	159	11	683	259	250	510	1321
0.5 - 1.0	0	0	146	179	0	325	0	44	122	708	25	292	0	1191	375	529	903	2419
1.0 - 2.0	0	0	95	341	1	437	23	54	123	692	39	318	2	1252	489	455	944	2633
2.0 - 3.0	0	48	344	328	14	733	0	12	54	706	10	348	0	1130	267	484	751	2615
3.0 - 4.0	0	0	297	286	0	583	0	0	295	1069	139	166	0	1670	356	263	619	2871
4.0 - 5.0	0	0	2000	0	0	2000	0	0	0	1500	0	250	0	1750	750	750	1500	5250
5.0 - 7.5	0	0	263	66	0	329	0	66	409	684	0	440	0	1599	1309	572	1881	3809
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	4	74	97	2	178	2	33	55	384	16	160	3	653	227	265	492	1323
estd. no. of hhs (00)	0	3	34	61	2	98	2	25	37	282	13	123	2	406	164	198	326	438
no. of sample hhs	1	2	43	42	3	90	2	17	43	212	14	98	2	315	132	164	255	339

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Tamil Nadu																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	5	654	0	0	0	659	45	989	1034	1693
0.002 - 0.005	0	15	147	0	0	162	10	11	116	146	0	24	0	308	81	172	253	722
0.005 - 0.040	1	1	45	1	13	66	36	14	228	121	101	109	9	617	113	302	415	1098
0.040 - 0.5	3	21	138	8	2	172	16	2	91	117	58	54	2	339	136	149	286	796
0.5 - 1.0	42	0	263	0	16	322	17	29	226	193	74	40	13	592	127	261	388	1302
1.0 - 2.0	16	10	250	18	16	310	23	26	184	191	97	99	9	630	135	309	444	1384
2.0 - 3.0	85	23	357	0	0	465	14	10	279	241	53	137	5	738	216	373	589	1793
3.0 - 4.0	63	39	557	0	0	659	80	0	573	162	195	143	33	1185	784	518	1302	3147
4.0 - 5.0	81	73	279	0	32	465	0	0	301	562	201	125	63	1254	258	510	767	2486
5.0 - 7.5	0	320	327	0	0	647	0	0	784	378	153	629	0	1944	655	337	992	3583
7.5 - 10.0	0	0	2008	0	0	2008	0	0	586	697	114	395	0	1793	209	908	1117	4918
10.0 - 20.0	0	0	0	0	0	0	0	0	562	160	0	0	0	722	562	0	562	1284
>20.0	0	0	0	0	0	0	0	0	0	4000	0	0	0	4000	2000	4000	6000	10000
all sizes	7	7	81	2	4	101	9	6	79	70	33	34	3	233	63	109	172	506
estd. no. of hhs (00)	548	334	4274	131	277	5218	902	494	6281	5943	2519	2512	255	16488	5972	9845	13773	21455
no. of sample hhs	19	14	173	7	12	212	33	19	256	225	83	107	15	626	216	381	516	806

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Tripura																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	total
	adult males						adult females							young stock				
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male	all	
	cro ss-breed	oth-ers					cross-breed	oth-ers	cross-breed	oth-ers	cross-breed	oth-ers						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
nil	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	2
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	561	561	561
0.002 - 0.005	0	0	0	0	10	10	0	0	0	167	0	77	18	262	203	165	368	640
0.005 - 0.040	0	0	0	0	52	94	0	0	28	291	0	28	144	491	269	194	462	1048
0.040 - 0.5	7	5	162	31	19	224	0	8	73	192	36	122	61	492	228	256	484	1200
0.5 - 1.0	0	0	712	85	16	813	0	12	121	375	16	210	22	756	510	379	889	2458
1.0 - 2.0	0	15	421	178	0	615	0	0	209	494	36	213	158	1111	545	399	944	2669
2.0 - 3.0	0	0	645	1235	0	1880	0	0	257	583	0	500	0	1340	1196	830	2027	5246
3.0 - 4.0	0	0	4000	0	0	4000	0	0	0	2000	0	0	0	2000	1000	2000	3000	9000
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	3	6	185	35	15	245	0	5	57	180	19	93	46	400	215	199	414	1059
estd. no. of hhs (00)	10	30	561	99	56	750	0	22	283	967	109	468	207	1691	992	1035	1723	2445
no. of sample hhs	1	4	97	17	14	130	0	8	58	180	21	81	37	313	173	189	299	414

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Uttar Pradesh																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females						young stock			total		
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male		fe-male	all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		(17)	(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	107	4	0	111	9	8	79	85	0	103	18	303	142	81	224	637
0.002 - 0.005	0	0	36	0	3	39	0	6	10	108	31	125	1	280	106	147	253	572
0.005 - 0.040	0	0	40	0	3	46	6	13	31	132	6	113	11	313	87	181	267	626
0.040 - 0.5	1	6	180	19	13	219	1	22	10	134	14	109	9	298	119	154	273	791
0.5 - 1.0	0	4	374	69	23	470	0	18	28	168	11	162	5	392	175	196	372	1233
1.0 - 2.0	9	5	536	60	28	638	2	16	35	242	10	200	12	518	258	288	546	1702
2.0 - 3.0	0	48	438	77	12	576	0	53	38	290	7	274	14	677	204	257	461	1713
3.0 - 4.0	0	0	517	119	6	642	5	20	42	380	23	289	15	774	358	389	747	2163
4.0 - 5.0	0	0	306	0	0	306	1	0	38	487	41	245	0	812	357	267	624	1742
5.0 - 7.5	0	21	622	39	8	691	0	5	53	384	21	400	19	882	445	680	1125	2698
7.5 - 10.0	0	0	573	0	0	573	0	0	218	0	63	171	0	452	57	279	337	1362
10.0 - 20.0	0	0	296	165	0	462	0	76	141	171	0	128	0	516	0	438	438	1415
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	2	5	233	31	13	284	1	16	19	142	10	123	7	319	134	165	299	902
estd. no. of hhs (00)	208	741	28921	3681	1858	35129	227	3079	3646	27584	1849	22772	1302	53713	22987	29544	45004	81143
no. of sample hhs	5	27	830	102	52	1008	10	88	135	843	66	716	45	1667	693	888	1355	2452

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

Uttaranchal																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male		all
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	677	0	0	0	677	0	0	0	677
0.002 - 0.005	0	0	0	0	0	0	0	0	0	232	0	61	0	293	0	732	732	1025
0.005 - 0.040	0	0	6	0	0	6	0	0	7	305	0	50	0	363	34	442	476	845
0.040 - 0.5	0	0	592	6	0	598	0	28	1	507	21	359	13	930	331	383	713	2242
0.5 - 1.0	0	21	1122	40	0	1184	0	156	93	721	0	187	25	1183	361	772	1133	3500
1.0 - 2.0	0	0	1611	0	0	1611	0	4	17	782	4	261	0	1067	530	437	966	3644
2.0 - 3.0	0	0	417	0	0	417	0	0	150	393	0	119	0	662	392	1344	1735	2814
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	2000	0	0	2000	0	0	0	0	0	0	0	0	0	0	0	2000
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	4	607	11	0	622	0	44	22	457	10	227	11	771	265	407	673	2066
estd. no. of hhs (00)	0	33	3933	84	0	4012	0	415	199	4997	124	2230	68	6492	2609	3915	5510	7684
no. of sample hhs	0	2	145	3	0	149	0	10	10	168	2	76	3	223	94	133	194	280

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

West Bengal																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	
	adult males						adult females							young stock			total	
	for breeding only		for work only	for both breeding and work	others	all	not calved once		in milk		dry		others	all	male	female		all
	cross-bred	others					cross-breed	others	cross-breed	others								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		(18)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	8	128	13	111	111	371	128	0	128	498
0.002 - 0.005	14	46	25	15	56	156	0	88	15	135	7	133	11	388	256	270	526	1070
0.005 - 0.040	0	0	19	4	12	47	10	42	41	296	30	161	10	589	234	351	584	1221
0.040 - 0.5	4	7	164	26	8	209	5	20	33	243	27	180	22	530	209	276	485	1224
0.5 - 1.0	1	18	593	143	14	768	18	35	46	408	42	269	51	869	256	393	648	2285
1.0 - 2.0	7	30	807	139	14	997	2	38	43	508	21	350	19	981	360	461	821	2798
2.0 - 3.0	3	42	1012	150	305	1512	20	75	102	712	45	367	112	1433	358	535	893	3838
3.0 - 4.0	0	0	1079	88	0	1167	0	34	298	774	0	385	115	1605	372	503	875	3647
4.0 - 5.0	0	0	155	0	0	155	212	0	212	582	0	1513	93	2611	642	288	930	3696
5.0 - 7.5	0	0	1075	0	0	1075	0	133	170	105	397	668	0	1474	268	148	415	2965
7.5 - 10.0	0	0	1112	0	1159	2271	0	773	0	444	0	679	0	1895	339	0	339	4506
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	2	9	207	40	12	270	6	21	27	218	21	149	19	461	166	229	395	1126
estd. no. of hhs (00)	150	912	12731	2544	615	16450	595	2186	2747	20852	1990	14499	1607	36593	16184	21730	32298	51596
no. of sample hhs	7	30	484	95	23	619	24	88	105	747	73	493	54	1301	569	773	1133	1786

Table 3R: Number of cattle owned per 1000 households and its composition for each size class of household operational holding

all-India																		rural
size class of operational holding (ha)	number of cattle owned per 1000 households																	total
	adult males						adult females							young stock				
	for breeding only		for work only	for both breed-ing and work	others	all	not calved once		in milk		dry		oth-ers	all	male	fe-male	all	
	cro ss-bre ed	oth-ers					cross-breed	others	cross-breed	others	cross-breed	others						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	4	155	4	7	170	4	29	25	141	10	176	10	395	118	157	275	841
0.002 - 0.005	1	9	74	5	11	99	2	28	37	127	10	143	11	359	116	166	282	740
0.005 - 0.040	0	0	67	2	12	86	8	25	63	173	29	146	10	454	126	221	347	887
0.040 - 0.5	2	9	249	32	10	301	3	15	31	157	18	122	13	358	131	164	295	955
0.5 - 1.0	3	13	578	72	21	686	5	26	49	242	20	232	18	591	195	250	444	1722
1.0 - 2.0	5	17	696	70	25	814	4	35	53	261	25	233	28	639	235	289	524	1977
2.0 - 3.0	4	22	796	93	28	942	6	47	63	360	23	285	40	823	293	338	631	2397
3.0 - 4.0	4	18	898	88	15	1022	8	38	73	343	45	350	35	893	315	407	722	2636
4.0 - 5.0	3	61	959	64	17	1104	3	35	76	426	40	397	22	999	328	370	698	2801
5.0 - 7.5	1	18	934	116	24	1093	13	49	70	557	56	396	48	1190	382	469	851	3134
7.5 - 10.0	3	34	1099	50	16	1203	7	26	237	545	72	366	19	1271	375	555	930	3404
10.0 - 20.0	6	8	1066	113	79	1272	10	89	115	1009	56	912	52	2243	518	897	1415	4931
>20.0	30	0	505	533	37	1105	30	86	70	961	23	473	0	1642	513	1041	1554	4301
all sizes	2	9	309	35	12	367	3	18	33	158	16	138	13	380	129	167	296	1042
estd. no. of hhs (00)	2049	7711	233906	26167	10257	272171	3762	20634	38274	186774	17719	141232	12607	352625	143844	185382	279750	533021
no. of sample hhs	86	319	9132	1153	456	10755	194	868	2019	7605	794	5278	585	14266	5977	7422	11131	20595

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Andhra Pradesh														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	77	0	77	0	83	83	160
0.002 - 0.005	43	0	0	0	43	61	342	79	0	482	52	122	174	698
0.005 - 0.040	0	0	0	27	27	8	306	199	36	548	108	222	329	905
0.040 - 0.5	7	28	0	0	36	10	209	121	22	361	82	133	215	612
0.5 - 1.0	0	39	4	7	50	8	260	131	3	401	98	174	272	723
1.0 - 2.0	37	44	0	32	113	55	408	170	7	641	132	245	378	1131
2.0 - 3.0	36	47	10	7	100	52	503	257	18	829	170	238	408	1337
3.0 - 4.0	9	69	18	0	96	15	456	296	8	775	228	331	559	1430
4.0 - 5.0	0	88	0	0	88	0	789	656	44	1490	253	734	987	2565
5.0 - 7.5	65	20	0	0	85	122	1398	1092	0	2612	615	896	1510	4207
7.5 - 10.0	0	0	0	0	0	0	725	426	210	1361	234	482	716	2077
10.0 - 20.0	34	0	23	0	57	23	1668	646	13	2350	76	1449	1525	3932
>20.0	0	0	0	0	0	0	264	396	0	660	0	528	528	1189
all sizes	7	16	1	5	30	11	166	90	8	276	57	109	166	472
estd. no. of hhs (00)	562	1220	133	376	2157	1133	16983	8846	901	22480	6769	11621	15658	24417
no. of sample hhs	19	31	5	8	59	511	562	313	27	730	247	367	511	786

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Arunachal Pradesh														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.040 - 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.5 - 1.0	0	0	0	15	15	0	0	0	30	30	0	0	0	45
1.0 - 2.0	2	4	0	0	6	2	0	0	0	2	0	0	0	8
2.0 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	356	0	0	0	356	0	0	0	356
7.5 - 10.0	0	0	0	0	0	642	0	0	0	642	0	0	0	642
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	1	1	0	2	3	9	0	0	4	12	0	0	0	16
estd. no. of hhs (00)	1	1	0	3	4	7	0	0	3	10	0	0	0	10
no. of sample hhs	1	1	0	1	2	0	0	0	1	4	0	0	0	4

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Assam														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	0	0	0	0	9	0	0	9	13	9	21	30
0.040 - 0.5	0	32	0	0	32	0	5	2	0	7	3	2	6	45
0.5 - 1.0	1	37	2	0	40	0	5	7	1	13	4	5	10	62
1.0 - 2.0	6	63	15	0	83	0	12	4	0	16	7	3	11	110
2.0 - 3.0	0	71	0	0	71	8	17	8	0	34	8	10	18	123
3.0 - 4.0	0	172	0	0	172	0	14	14	0	28	28	14	42	241
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	1	31	3	0	35	0	6	3	0	9	5	3	8	52
estd. no. of hhs (00)	32	737	83	1	853	11	235	131	8	318	173	128	205	1096
no. of sample hhs	4	45	8	1	58	12	13	12	1	22	9	8	12	75

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Bihar														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	5	0	0	5	0	0	0	0	0	0	0	0	5
≤0.002	8	0	0	11	19	21	66	82	0	169	62	108	170	357
0.002 - 0.005	4	0	0	0	5	13	134	140	0	287	37	123	160	451
0.005 - 0.040	0	5	0	0	5	5	116	75	8	204	17	70	87	296
0.040 - 0.5	1	11	0	2	14	19	110	73	2	203	30	119	149	367
0.5 - 1.0	0	17	0	5	22	27	234	152	0	413	73	166	240	675
1.0 - 2.0	13	15	14	0	42	30	414	148	4	597	120	248	367	1005
2.0 - 3.0	52	42	0	0	95	7	233	189	0	428	117	182	299	822
3.0 - 4.0	0	0	0	0	0	0	268	77	0	345	42	110	153	497
4.0 - 5.0	0	0	0	0	0	24	407	386	0	816	156	129	284	1101
5.0 - 7.5	0	0	0	0	0	25	949	253	0	1228	33	449	481	1709
7.5 - 10.0	0	0	0	0	0	0	599	0	0	599	0	177	177	777
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	3	10	1	2	15	14	127	76	1	218	37	99	136	369
estd. no. of hhs (00)	228	830	75	168	1302	1411	12683	8073	170	20295	3618	9964	12767	24035
no. of sample hhs	13	32	3	5	53	473	480	297	6	741	145	365	473	869

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Chhattisgarh														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤0.002	125	0	0	0	125	0	0	0	0	0	0	125	125	250
0.002 - 0.005	0	23	0	0	23	0	0	0	0	0	0	0	0	23
0.005 - 0.040	0	30	0	0	30	0	0	0	0	0	0	0	0	30
0.040 - 0.5	0	91	32	0	123	0	1	1	0	3	0	1	1	127
0.5 - 1.0	0	196	0	0	196	0	79	0	0	79	21	2	23	298
1.0 - 2.0	17	307	47	0	371	0	69	87	11	167	63	48	111	649
2.0 - 3.0	22	278	25	0	325	0	4	32	3	39	1	17	18	382
3.0 - 4.0	38	540	20	0	598	21	25	56	0	102	45	19	65	765
4.0 - 5.0	17	746	73	0	836	0	230	119	0	349	247	255	502	1687
5.0 - 7.5	14	591	115	0	720	0	62	119	0	182	132	113	245	1147
7.5 - 10.0	0	2150	116	0	2266	111	705	0	0	816	0	0	0	3082
10.0 - 20.0	0	2361	0	0	2361	0	155	735	0	890	249	133	382	3633
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	8	213	23	0	244	1	40	32	2	76	28	23	51	370
estd. no. of hhs (00)	243	3652	411	0	4219	23	705	700	50	1230	661	530	918	4996
no. of sample hhs	10	126	13	0	147	32	24	27	2	44	22	21	32	171

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Gujarat														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breed- ing only	for work only	for both breed- ing and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	388	32	0	420	0	644	644	1065
0.002 - 0.005	0	0	0	0	0	14	299	252	35	600	44	264	308	908
0.005 - 0.040	0	0	0	0	0	0	481	287	0	768	121	273	394	1162
0.040 - 0.5	0	10	0	0	10	5	493	153	0	652	72	347	420	1081
0.5 - 1.0	4	8	6	0	18	21	474	266	1	762	104	344	448	1228
1.0 - 2.0	5	24	12	0	41	4	629	234	0	867	67	393	460	1368
2.0 - 3.0	0	10	0	0	10	0	531	197	0	728	130	222	352	1089
3.0 - 4.0	0	0	0	0	0	9	630	446	0	1085	81	320	401	1486
4.0 - 5.0	0	0	22	0	22	0	667	433	0	1100	56	535	591	1713
5.0 - 7.5	15	0	0	44	58	6	831	387	3	1226	115	618	733	2017
7.5 - 10.0	8	73	0	0	80	0	756	208	160	1124	0	243	243	1447
10.0 - 20.0	0	0	0	0	0	0	787	362	0	1149	92	461	552	1701
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	2	7	3	1	12	5	349	160	5	519	53	232	286	817
estd. no. of hhs (00)	73	277	79	80	509	298	16971	7725	239	21075	2743	11018	12789	22592
no. of sample hhs	6	9	3	2	20	313	405	220	6	512	76	269	313	545

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Haryana														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breed- ing only	for work only	for both breed- ing and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	188	0	0	188	0	834	834	1021
0.002 - 0.005	0	0	0	0	0	54	414	307	14	790	242	257	499	1290
0.005 - 0.040	0	18	18	0	36	53	1042	291	0	1385	192	726	919	2340
0.040 - 0.5	0	0	10	0	10	104	626	260	0	990	190	717	907	1908
0.5 - 1.0	76	21	13	0	111	73	806	502	0	1381	284	675	959	2450
1.0 - 2.0	18	22	47	0	86	172	931	519	32	1654	529	871	1400	3140
2.0 - 3.0	69	60	1	0	129	265	950	668	5	1888	358	1085	1444	3461
3.0 - 4.0	0	36	5	0	40	143	1160	733	0	2035	561	1351	1912	3987
4.0 - 5.0	0	135	39	116	289	323	1188	549	0	2060	191	1363	1553	3902
5.0 - 7.5	19	60	9	0	88	73	1216	593	0	1882	653	1354	2007	3976
7.5 - 10.0	0	47	30	0	76	0	1824	519	60	2402	671	2428	3099	5578
10.0 - 20.0	0	0	0	0	0	315	2006	659	0	2980	153	2036	2190	5170
>20.0	537	116	0	0	653	4409	5451	298	0	10158	2632	3715	6347	17157
all sizes	13	17	12	3	43	84	618	279	5	986	208	571	779	1809
estd. no. of hhs (00)	316	521	363	43	1244	1698	13183	7013	93	17135	5421	11814	14520	18541
no. of sample hhs	8	27	13	1	49	499	476	265	6	593	206	405	499	629

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Himachal Pradesh														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	243	0	243	0	486	486	729
0.002 - 0.005	0	0	0	0	0	0	363	177	0	539	0	0	0	539
0.005 - 0.040	0	0	0	0	0	0	200	35	0	235	0	200	200	435
0.040 - 0.5	2	0	2	0	5	30	208	174	5	416	23	129	152	573
0.5 - 1.0	7	0	0	7	14	54	298	197	60	608	37	180	217	839
1.0 - 2.0	13	0	0	15	28	3	359	314	28	704	79	299	378	1110
2.0 - 3.0	0	0	0	22	22	9	681	241	40	971	98	457	555	1548
3.0 - 4.0	0	0	0	0	0	0	818	433	96	1347	103	728	831	2177
4.0 - 5.0	0	0	0	0	0	0	383	280	168	831	20	20	39	870
5.0 - 7.5	0	0	0	0	0	0	494	23	0	517	0	450	450	967
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	2000	0	2000	1000	0	1000	3000
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	4	0	1	4	8	23	222	162	20	428	31	151	181	617
estd. no. of hhs (00)	45	0	10	34	90	227	2409	1684	212	3748	329	1475	1690	3849
no. of sample hhs	6	0	1	5	12	175	247	166	20	370	34	151	175	379

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Jammu & Kashmir														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	1000	1000	1000
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	51	0	0	0	51	0	165	231	0	396	4	340	345	792
0.040 - 0.5	12	4	1	0	17	1	132	121	1	255	33	57	90	361
0.5 - 1.0	1	6	80	0	88	26	192	153	14	386	59	111	170	643
1.0 - 2.0	3	24	11	0	37	15	430	302	11	758	114	124	238	1033
2.0 - 3.0	0	18	106	0	124	16	434	166	0	616	211	182	393	1133
3.0 - 4.0	170	0	0	0	170	0	1141	807	146	2094	147	156	303	2567
4.0 - 5.0	0	52	0	0	52	52	964	443	0	1459	412	174	587	2098
5.0 - 7.5	0	0	0	0	0	0	334	1332	0	1666	334	334	668	2334
7.5 - 10.0	0	0	0	0	0	0	308	616	0	924	0	0	0	924
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	10	8	24	0	42	9	215	172	7	402	61	90	152	596
estd. no. of hhs (00)	103	78	187	0	368	97	1790	1325	52	2637	531	739	1083	2993
no. of sample hhs	6	14	6	0	26	86	100	82	6	159	41	63	86	183

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Jharkhand														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	13	0	13	0	0	0	13
0.005 - 0.040	0	0	0	0	0	0	373	310	0	683	62	62	124	807
0.040 - 0.5	0	102	8	0	110	3	6	9	0	18	9	3	12	140
0.5 - 1.0	13	40	25	1	80	1	98	25	0	124	11	17	29	232
1.0 - 2.0	3	151	12	0	166	7	55	8	0	70	23	16	39	275
2.0 - 3.0	18	123	0	10	151	0	237	7	0	244	53	73	127	522
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	1224	0	0	1224	0	0	0	0	0	0	0	0	1224
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	3	77	9	1	90	2	49	23	0	75	12	11	23	188
estd. no. of hhs (00)	67	1473	173	9	1706	69	699	371	0	1019	391	343	500	2621
no. of sample hhs	6	72	9	2	87	23	21	16	0	38	16	13	23	118

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Karnataka														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	12	169	30	79	291	0	52	52	343
0.002 - 0.005	5	0	44	22	71	0	367	39	0	406	6	317	323	799
0.005 - 0.040	0	0	0	0	0	0	286	54	0	340	35	236	271	611
0.040 - 0.5	28	7	0	0	34	3	115	39	0	157	24	82	106	297
0.5 - 1.0	3	29	0	8	40	16	284	56	4	360	38	157	195	595
1.0 - 2.0	4	42	0	0	46	9	255	100	0	364	34	121	155	565
2.0 - 3.0	10	22	3	2	37	19	386	94	17	517	76	92	168	722
3.0 - 4.0	15	42	0	0	56	2	455	220	48	725	89	382	471	1252
4.0 - 5.0	16	49	0	7	72	7	455	238	14	714	35	222	256	1042
5.0 - 7.5	32	83	4	0	119	27	399	199	18	643	156	372	528	1290
7.5 - 10.0	44	0	0	0	44	0	803	210	0	1013	295	691	986	2042
10.0 - 20.0	0	8	0	0	8	506	1219	847	0	2572	84	245	329	2909
>20.0	0	586	0	0	586	0	595	0	0	595	0	595	595	1775
all sizes	8	17	1	2	28	9	187	59	5	261	29	105	134	422
estd. no. of hhs (00)	359	707	43	120	1194	477	9926	3035	279	11875	1652	5658	6763	13390
no. of sample hhs	15	28	4	4	48	236	346	129	7	414	68	192	236	470

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	361	0	0	361	0	0	0	361
0.005 - 0.040	0	0	0	0	0	0	27	8	0	35	0	13	13	48
0.040 - 0.5	2	2	0	0	4	0	2	2	0	5	2	6	8	16
0.5 - 1.0	2	0	0	0	2	0	1	0	0	1	0	1	1	4
1.0 - 2.0	0	5	0	0	5	19	14	9	0	41	9	14	23	69
2.0 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 - 4.0	0	168	0	0	168	0	0	0	0	0	0	0	0	168
4.0 - 5.0	0	608	0	0	608	0	0	0	0	0	0	0	0	608
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	1	3	0	0	4	1	4	2	0	6	1	4	5	16
estd. no. of hhs (00)	43	75	0	0	118	36	133	98	0	250	60	200	244	479
no. of sample hhs	2	4	0	0	6	9	7	3	0	11	2	8	9	20

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Madhya Pradesh														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	12	38	123	0	173	0	31	31	204
0.002 - 0.005	0	0	0	0	0	0	42	32	0	74	5	33	39	113
0.005 - 0.040	0	0	0	0	0	2	112	12	0	126	62	81	143	269
0.040 - 0.5	0	13	0	0	13	13	91	143	0	247	24	70	95	355
0.5 - 1.0	0	39	24	13	76	9	118	150	0	277	49	96	145	498
1.0 - 2.0	13	45	9	14	80	20	230	232	9	490	92	162	255	825
2.0 - 3.0	1	21	0	3	25	22	343	196	10	571	130	300	430	1025
3.0 - 4.0	45	28	0	0	73	34	259	268	14	575	306	191	497	1146
4.0 - 5.0	8	37	7	15	67	122	617	410	20	1170	145	355	500	1737
5.0 - 7.5	10	24	10	0	44	33	666	408	16	1123	299	356	656	1822
7.5 - 10.0	2	41	0	4	48	28	616	809	0	1453	266	601	867	2368
10.0 - 20.0	0	121	4	0	125	77	851	607	58	1592	329	646	975	2693
>20.0	0	0	0	0	0	0	2624	637	0	3261	475	895	1370	4632
all sizes	5	21	6	5	37	16	171	152	5	343	75	124	199	580
estd. no. of hhs (00)	343	1005	301	456	2063	1167	12207	9655	323	18490	5848	8803	12832	22612
no. of sample hhs	13	44	11	8	70	421	474	332	11	676	200	306	421	762

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Maharashtra														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	2	23	0	25	2	0	2	28
0.002 - 0.005	8	10	14	0	32	24	92	32	0	148	18	46	64	245
0.005 - 0.040	0	0	0	0	0	16	176	210	0	402	37	113	150	552
0.040 - 0.5	28	15	6	14	63	1	148	93	5	246	6	63	69	378
0.5 - 1.0	0	19	0	0	19	14	178	93	0	285	14	91	105	409
1.0 - 2.0	0	28	4	3	35	13	154	69	8	243	19	54	73	352
2.0 - 3.0	6	38	0	1	45	10	200	91	2	303	45	81	126	473
3.0 - 4.0	27	37	2	14	80	17	363	148	7	535	102	141	243	858
4.0 - 5.0	5	11	1	6	22	28	330	112	18	489	37	80	117	628
5.0 - 7.5	2	18	24	5	49	31	324	170	21	547	16	209	225	821
7.5 - 10.0	0	9	0	0	9	0	667	355	0	1023	275	508	783	1815
10.0 - 20.0	0	0	2	0	2	26	806	253	21	1106	41	257	298	1407
>20.0	0	198	256	0	454	0	3220	326	0	3546	127	2760	2887	6887
all sizes	5	13	2	3	23	8	126	64	3	201	18	56	74	298
estd. no. of hhs (00)	432	1007	211	231	1780	771	10662	5724	319	14460	1681	5117	6277	16497
no. of sample hhs	12	39	12	11	71	247	416	205	14	552	78	195	247	615

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Manipur														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	5	0	0	0	5	0	0	0	0	0	5	0	5	10
0.040 - 0.5	0	1	4	0	5	0	0	0	0	0	0	7	7	12
0.5 - 1.0	0	46	41	0	87	0	11	10	0	21	3	4	7	115
1.0 - 2.0	0	117	13	7	138	4	30	16	1	52	24	15	39	228
2.0 - 3.0	0	52	0	0	52	0	0	0	0	0	0	0	0	52
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	31	16	1	48	1	7	5	0	13	4	6	10	71
estd. no. of hhs (00)	0	57	27	1	85	2	20	11	0	33	11	15	24	101
no. of sample hhs	1	26	10	1	38	12	6	3	1	11	6	7	12	45

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Meghalaya														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.040 - 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.5 - 1.0	10	0	48	19	77	19	10	0	24	53	10	0	10	140
1.0 - 2.0	19	54	0	31	104	25	50	31	0	105	12	19	31	240
2.0 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 - 4.0	0	283	0	0	283	0	0	0	0	0	0	0	0	283
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	223	0	0	223	0	0	0	0	0	0	0	0	223
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	6	22	13	11	53	10	12	6	7	34	5	3	8	96
estd. no. of hhs (00)	8	31	5	8	40	8	8	4	5	8	8	4	8	40
no. of sample hhs	2	6	1	2	8	2	2	1	1	2	2	1	2	8

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Mizoram														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.040 - 0.5	0	9	0	0	9	0	0	0	9	9	0	0	0	17
0.5 - 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.0 - 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	2	0	0	2	0	0	0	2	2	0	0	0	4
estd. no. of hhs (00)	0	2	0	0	2	0	0	0	2	2	0	0	0	2
no. of sample hhs	0	1	0	0	1	0	0	0	1	1	0	0	0	1

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Nagaland														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.040 - 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.5 - 1.0	0	53	0	0	53	16	16	0	0	32	0	0	0	85
1.0 - 2.0	0	56	0	0	56	0	6	0	0	6	0	6	6	68
2.0 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	32	0	0	32	5	7	0	0	12	0	2	2	46
estd. no. of hhs (00)	0	16	0	0	16	5	7	0	0	7	0	2	2	16
no. of sample hhs	0	5	0	0	5	1	2	0	0	2	0	1	1	5

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Orissa														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	395	0	0	395	0	0	0	0	0	0	0	0	395
0.002 - 0.005	0	17	0	8	25	0	0	111	0	111	111	0	111	248
0.005 - 0.040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.040 - 0.5	0	25	8	0	32	0	0	0	0	0	3	0	3	35
0.5 - 1.0	4	28	0	0	32	0	0	6	0	6	0	4	4	41
1.0 - 2.0	3	117	0	0	121	0	0	10	10	19	0	7	7	147
2.0 - 3.0	0	112	0	0	112	48	14	26	0	88	0	25	25	226
3.0 - 4.0	0	171	0	0	171	47	42	84	0	173	0	42	42	386
4.0 - 5.0	92	425	0	0	517	184	184	184	0	553	0	184	184	1254
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	1	36	2	0	39	2	1	6	1	11	3	3	6	57
estd. no. of hhs (00)	77	1083	79	5	1245	81	61	254	24	366	99	181	280	1561
no. of sample hhs	3	39	1	1	44	10	3	9	1	13	2	8	10	54

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Punjab														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	252	619	0	0	871	0	386	386	1256
0.002 - 0.005	0	9	0	0	9	62	284	220	2	567	45	190	235	811
0.005 - 0.040	0	6	0	0	6	106	591	225	21	942	82	498	579	1527
0.040 - 0.5	80	30	0	0	111	340	787	467	32	1626	136	751	887	2624
0.5 - 1.0	0	0	27	16	43	251	1033	630	0	1915	231	625	855	2813
1.0 - 2.0	0	56	12	1	69	176	1303	515	70	2064	224	1084	1308	3441
2.0 - 3.0	8	13	18	14	53	354	1432	624	62	2472	467	1027	1494	4019
3.0 - 4.0	14	167	2	35	218	300	1341	890	27	2558	216	1604	1819	4595
4.0 - 5.0	12	63	0	13	88	248	1508	715	0	2471	665	1294	1959	4518
5.0 - 7.5	0	22	0	0	22	194	1923	993	28	3139	333	1252	1585	4746
7.5 - 10.0	0	157	4	0	161	80	5433	1079	102	6694	1313	1899	3212	10067
10.0 - 20.0	0	169	3	214	386	306	2628	1083	12	4029	747	1589	2337	6752
>20.0	0	55	0	0	55	276	5752	332	0	6360	2848	3069	5918	12333
all sizes	7	19	4	5	36	131	703	306	20	1161	152	528	680	1877
estd. no. of hhs (00)	79	459	113	101	728	2458	12395	6164	415	16121	3366	9822	11329	16942
no. of sample hhs	5	39	9	8	60	522	570	310	15	715	180	457	522	746

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Rajasthan														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	59	59	0	118	85	0	203	0	96	96	359
0.002 - 0.005	0	0	0	0	0	12	145	88	0	245	28	118	146	391
0.005 - 0.040	19	0	6	0	25	9	217	149	6	381	56	290	346	752
0.040 - 0.5	0	7	0	4	12	43	279	235	0	557	76	274	350	918
0.5 - 1.0	11	33	0	3	46	50	406	263	0	719	117	341	458	1223
1.0 - 2.0	5	1	8	4	19	17	430	367	0	814	122	409	531	1363
2.0 - 3.0	0	4	5	0	10	39	487	427	0	953	132	548	680	1643
3.0 - 4.0	34	40	63	7	143	119	812	491	11	1433	214	594	808	2384
4.0 - 5.0	0	11	0	0	11	19	574	464	16	1073	295	565	860	1944
5.0 - 7.5	0	0	0	8	8	65	536	389	5	994	261	468	729	1731
7.5 - 10.0	0	0	0	28	28	212	526	433	43	1214	166	484	649	1891
10.0 - 20.0	0	0	0	99	99	28	452	186	12	678	99	446	545	1321
>20.0	0	0	0	0	0	132	994	655	0	1782	378	1633	2011	3793
all sizes	5	10	5	7	27	38	361	268	3	669	110	340	450	1147
estd. no. of hhs (00)	295	486	186	337	1189	1810	19015	13362	100	26829	6160	16334	19643	28819
no. of sample hhs	8	8	6	12	32	768	770	532	8	1037	282	637	768	1101

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Sikkim														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.040 - 0.5	0	0	0	0	0	0	52	21	0	73	43	43	85	158
0.5 - 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.0 - 2.0	0	0	0	0	0	0	0	0	0	0	16	0	16	16
2.0 - 3.0	0	17	0	0	17	0	0	0	0	0	0	0	0	17
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	0	0	0	0	0	0	14	6	0	20	13	12	25	45
estd. no. of hhs (00)	0	0	0	0	0	0	7	5	0	7	5	5	5	7
no. of sample hhs	0	1	0	0	1	2	2	1	0	2	2	1	2	4

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Tamil Nadu														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	186	0	0	186	22	50	71	258
0.005 - 0.040	0	6	0	0	6	40	88	36	0	164	40	63	102	273
0.040 - 0.5	0	9	0	4	13	3	30	7	0	40	9	29	39	92
0.5 - 1.0	13	23	3	0	38	14	78	39	4	135	28	53	81	254
1.0 - 2.0	3	4	0	0	7	22	142	95	0	259	66	132	197	463
2.0 - 3.0	37	0	0	0	37	14	160	95	0	270	50	130	180	486
3.0 - 4.0	0	0	0	0	0	0	108	0	0	108	216	52	268	376
4.0 - 5.0	0	56	0	0	56	32	59	38	0	129	18	33	51	236
5.0 - 7.5	241	0	0	0	241	0	0	0	0	0	0	80	80	321
7.5 - 10.0	0	0	0	0	0	0	265	155	0	420	0	293	293	713
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	3	4	0	1	7	7	35	15	0	57	14	27	40	105
estd. no. of hhs (00)	242	232	22	58	537	486	2782	1396	35	3843	1219	2208	2884	4625
no. of sample hhs	10	11	1	1	22	105	95	52	1	129	42	83	105	161

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Tripura														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005 - 0.040	0	0	65	0	65	0	0	0	0	0	0	0	0	65
0.040 - 0.5	5	6	0	0	11	0	0	5	0	5	0	0	0	16
0.5 - 1.0	0	4	3	0	6	0	1	4	0	5	0	1	1	13
1.0 - 2.0	0	61	0	0	61	0	0	0	0	0	0	0	0	61
2.0 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	2	5	6	0	13	0	0	3	0	3	0	0	0	16
estd. no. of hhs (00)	13	25	18	0	56	0	1	16	0	17	0	1	1	73
no. of sample hhs	1	4	2	0	7	1	1	2	0	3	0	1	1	9

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Uttar Pradesh														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	2	0	0	0	2	3	221	105	0	328	88	308	395	725
0.002 - 0.005	1	7	7	12	26	69	203	182	0	454	71	203	274	754
0.005 - 0.040	8	7	0	8	22	27	261	173	2	463	105	263	368	854
0.040 - 0.5	9	21	4	5	40	26	241	178	12	456	100	221	320	816
0.5 - 1.0	2	40	10	9	60	36	420	276	12	745	168	364	531	1336
1.0 - 2.0	8	75	6	8	98	42	507	338	20	907	213	415	629	1633
2.0 - 3.0	15	116	10	23	163	58	659	379	26	1123	270	507	778	2064
3.0 - 4.0	7	181	15	24	228	76	902	472	31	1481	432	681	1112	2821
4.0 - 5.0	0	85	21	0	106	42	973	622	49	1686	484	655	1139	2931
5.0 - 7.5	0	36	8	38	82	15	908	635	0	1558	267	750	1016	2657
7.5 - 10.0	0	218	0	0	218	0	1191	1659	0	2850	972	1419	2391	5459
10.0 - 20.0	68	0	0	0	68	28	1131	1008	164	2330	1249	1076	2324	4723
>20.0	0	0	0	0	0	0	2000	1000	0	3000	2000	0	2000	5000
all sizes	6	32	5	7	50	28	301	204	11	544	125	261	386	980
estd. no. of hhs (00)	962	5354	777	1212	8209	5432	54765	37001	1806	86305	23493	44197	59861	98072
no. of sample hhs	32	182	22	43	275	1902	1799	1179	55	2720	751	1437	1902	3024

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

Uttaranchal														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	0	0	0	0	0	242	62	0	305	62	180	242	547
0.005 - 0.040	0	0	0	0	0	7	195	112	0	314	4	296	300	613
0.040 - 0.5	0	1	0	8	9	0	279	140	0	419	89	186	274	702
0.5 - 1.0	7	12	0	0	19	64	443	180	0	687	99	341	441	1147
1.0 - 2.0	0	66	0	0	66	5	546	510	0	1061	230	334	563	1690
2.0 - 3.0	0	0	0	0	0	0	954	733	0	1687	513	390	903	2590
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	1000	0	0	1000	0	0	0	0	0	0	0	0	1000
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	1	9	0	4	14	13	276	148	0	438	81	201	282	734
estd. no. of hhs (00)	16	110	0	44	170	62	2882	1205	0	3797	917	2144	2980	4249
no. of sample hhs	1	6	0	1	8	110	115	57	0	157	36	79	110	175

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

West Bengal														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002 - 0.005	0	1	0	0	1	0	0	1	0	1	0	0	0	2
0.005 - 0.040	0	0	0	0	0	0	0	11	0	11	0	2	2	13
0.040 - 0.5	0	20	0	7	27	0	6	2	1	10	0	5	5	41
0.5 - 1.0	5	65	6	0	76	0	7	16	0	23	8	7	16	115
1.0 - 2.0	4	134	0	5	143	0	7	53	0	60	21	4	24	227
2.0 - 3.0	22	262	0	0	285	0	16	0	0	16	8	16	24	324
3.0 - 4.0	0	451	0	0	451	0	0	0	0	0	0	0	0	451
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 7.5	0	694	0	0	694	0	284	284	0	567	57	57	113	1375
7.5 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
all sizes	1	29	1	3	34	0	4	8	1	12	3	3	6	52
estd. no. of hhs (00)	71	1789	52	70	1982	0	276	439	64	601	184	410	503	2751
no. of sample hhs	4	78	2	2	86	17	11	15	2	22	8	13	17	110

Table 4R: Number of buffaloes owned per 1000 households and its composition for each size class of household operational holding

all-India														rural
size class of household operational holding (ha)	number of buffaloes owned per 1000 households													total
	adult males					adult females					young stock			
	for breeding only	for work only	for both breeding and work	others	all	not calved once	in milk	dry	others	all	male	female	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≤ 0.002	4	17	0	7	29	10	118	62	12	201	25	145	170	400
0.002 - 0.005	3	3	4	3	13	23	162	113	4	303	43	125	168	484
0.005 - 0.040	2	4	2	3	10	21	239	117	5	382	58	188	246	639
0.040 - 0.5	5	21	3	3	32	14	132	86	5	237	41	112	153	422
0.5 - 1.0	4	38	7	4	53	21	233	141	4	399	73	174	247	699
1.0 - 2.0	9	64	8	7	88	26	315	189	9	539	103	227	330	956
2.0 - 3.0	14	62	6	5	86	41	391	216	10	658	128	277	405	1149
3.0 - 4.0	22	85	12	6	126	48	491	304	14	857	207	364	571	1555
4.0 - 5.0	6	94	9	8	117	51	584	369	18	1022	178	433	611	1749
5.0 - 7.5	13	47	11	11	81	42	638	392	9	1080	216	483	700	1861
7.5 - 10.0	4	70	4	5	83	47	1015	492	60	1614	299	676	975	2672
10.0 - 20.0	5	91	3	44	143	75	859	433	20	1387	186	602	788	2318
>20.0	30	81	19	0	130	312	1680	486	0	2478	591	1435	2025	4633
all sizes	4	25	4	3	36	16	172	102	5	294	54	131	184	514
estd. no. of hhs (00)	4615	21306	3377	3359	31977	17771	191035	114262	5100	273199	65392	142842	183917	315651
no. of sample hhs	191	893	144	119	1315	6520	6986	4244	192	9724	2472	5111	6520	11125

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Andhra Pradesh		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	1	1	1	0	171
≤ 0.002	0	5705	0	0	2114
0.002 - 0.005	0	4109	64	0	1351
0.005 - 0.040	0	1610	210	0	1821
0.040 - 0.5	0	1035	8	0	1008
0.5 - 1.0	1	884	2	0	1507
1.0 - 2.0	2	1485	0	0	1753
2.0 - 3.0	0	1411	0	0	1563
3.0 - 4.0	26	1784	0	0	2023
4.0 - 5.0	0	4592	0	0	1351
5.0 - 7.5	0	964	0	0	3882
7.5 - 10.0	0	88	0	0	165
10.0 - 20.0	164	5711	0	0	0
> 20.0	0	0	0	0	0
all sizes	2	668	11	0	768
estd. no. of households (00)	223	7330	439	0	20532
no. of sample households	5	210	12	0	553

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Arunachal Pradesh		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	0	9	0	440
≤ 0.002	0	863	231	0	14738
0.002 - 0.005	1752	820	2072	73	18243
0.005 - 0.040	1513	1806	2946	0	17019
0.040 - 0.5	889	558	1268	16	10414
0.5 - 1.0	1001	1249	1573	7	13618
1.0 - 2.0	1567	1040	2203	46	21377
2.0 - 3.0	2466	1265	1881	3	17318
3.0 - 4.0	1958	504	1356	0	14603
4.0 - 5.0	3947	1087	2386	123	21202
5.0 - 7.5	5773	845	2074	148	26535
7.5 - 10.0	1436	2425	1231	0	21224
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	1341	854	1530	23	14355
estd. no. of households (00)	539	438	859	26	1131
no. of sample households	164	162	314	9	406

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Assam	rural				
	no. per 1000 households of				
size class of operational holding (ha)	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	46	15	0	1297
≤ 0.002	0	857	0	0	15145
0.002 - 0.005	0	901	26	0	17872
0.005 - 0.040	34	415	364	0	8083
0.040 - 0.5	4	602	230	0	8007
0.5 - 1.0	0	708	203	0	7988
1.0 - 2.0	0	870	250	0	8816
2.0 - 3.0	0	971	406	5	10880
3.0 - 4.0	0	474	377	0	11301
4.0 - 5.0	0	2997	117	0	22379
5.0 - 7.5	0	1348	0	0	9468
7.5 - 10.0	0	4000	1000	0	6000
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	4	575	203	0	7204
estd. no. of households (00)	70	10188	3265	7	28454
no. of sample households	2	574	170	1	1551

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	1	49	6	0	73
≤ 0.002	0	709	330	0	1048
0.002 - 0.005	30	808	186	0	516
0.005 - 0.040	3	876	25	0	850
0.040 - 0.5	6	328	11	1	297
0.5 - 1.0	3	392	0	0	363
1.0 - 2.0	6	385	1	5	487
2.0 - 3.0	2	272	8	0	405
3.0 - 4.0	0	109	0	0	24
4.0 - 5.0	0	585	0	0	1468
5.0 - 7.5	0	0	0	0	149
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	5	331	22	1	328
estd. no. of households (00)	213	17494	814	29	7459
no. of sample households	13	583	25	2	257

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Chhattisgarh		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	13	7	0	263
≤ 0.002	0	324	560	0	3668
0.002 - 0.005	0	1136	0	0	2478
0.005 - 0.040	0	886	14	0	5236
0.040 - 0.5	0	267	51	62	896
0.5 - 1.0	0	742	56	0	7323
1.0 - 2.0	103	711	21	0	2780
2.0 - 3.0	62	1181	60	0	1411
3.0 - 4.0	0	1157	67	0	2925
4.0 - 5.0	0	894	107	0	3205
5.0 - 7.5	0	718	164	0	1209
7.5 - 10.0	0	528	0	0	352
10.0 - 20.0	0	0	0	0	175
> 20.0	0	0	0	0	0
all sizes	27	595	44	11	2807
estd. no. of households (00)	153	4463	876	81	7960
no. of sample households	3	117	26	1	229

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Gujarat	rural				
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	18	0	0	41
≤ 0.002	0	1239	0	0	569
0.002 - 0.005	41	1168	0	0	226
0.005 - 0.040	39	5004	0	0	1645
0.040 - 0.5	2	459	0	0	1501
0.5 - 1.0	0	499	0	0	614
1.0 - 2.0	127	623	0	0	510
2.0 - 3.0	0	283	0	0	404
3.0 - 4.0	0	223	0	0	388
4.0 - 5.0	7	159	0	0	66
5.0 - 7.5	43	986	0	0	550
7.5 - 10.0	0	0	0	0	345
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	21	583	0	0	522
estd. no. of households (00)	570	6644	0	0	3982
no. of sample households	16	143	0	0	101

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Haryana		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	3	0	0	0	5
≤ 0.002	0	0	130	0	0
0.002 - 0.005	47	172	0	0	287
0.005 - 0.040	39	700	12	0	188
0.040 - 0.5	13	469	0	0	59
0.5 - 1.0	56	0	0	0	28
1.0 - 2.0	47	0	0	0	11615
2.0 - 3.0	29	42	0	0	42
3.0 - 4.0	24	4	0	4	0
4.0 - 5.0	24	0	0	0	0
5.0 - 7.5	167	0	0	0	116651
7.5 - 10.0	167	0	0	0	0
10.0 - 20.0	2125	915	0	0	0
> 20.0	0	0	0	0	0
all sizes	38	205	3	0	3613
estd. no. of households (00)	942	681	101	1	609
no. of sample households	27	24	2	1	15

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Himachal Pradesh		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	8	0	0	11
≤ 0.002	0	1899	0	0	0
0.002 - 0.005	0	0	0	0	0
0.005 - 0.040	0	91	0	0	161
0.040 - 0.5	17	1114	0	0	178
0.5 - 1.0	7	1199	4	0	196
1.0 - 2.0	42	2525	5	0	566
2.0 - 3.0	34	2332	0	0	273
3.0 - 4.0	0	1181	0	0	0
4.0 - 5.0	0	451	0	0	0
5.0 - 7.5	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	1000	5000	0	0	4000
> 20.0	0	0	0	0	0
all sizes	15	1070	1	0	193
estd. no. of households (00)	111	2350	16	0	570
no. of sample households	16	270	4	0	53

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Jammu & Kashmir		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	0	0	0	119
≤ 0.002	0	0	0	0	0
0.002 - 0.005	0	0	0	0	311
0.005 - 0.040	139	2292	0	0	27561
0.040 - 0.5	33	515	0	0	5939
0.5 - 1.0	62	1202	0	0	3840
1.0 - 2.0	29	832	4	0	8099
2.0 - 3.0	0	1858	0	0	1142
3.0 - 4.0	153	3219	0	0	2404
4.0 - 5.0	0	4290	0	0	1533
5.0 - 7.5	0	668	0	0	0
7.5 - 10.0	616	13389	0	0	8460
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	39	857	1	0	5523
estd. no. of households (00)	340	1908	1	0	4057
no. of sample households	40	176	1	0	435

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Jharkhand	rural				
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	11	0	0	216
≤ 0.002	0	1679	0	0	1853
0.002 - 0.005	0	1461	20	0	1939
0.005 - 0.040	0	928	129	0	1635
0.040 - 0.5	0	822	138	0	2241
0.5 - 1.0	8	983	279	0	3347
1.0 - 2.0	18	1251	112	0	3567
2.0 - 3.0	0	1806	41	0	4085
3.0 - 4.0	0	550	0	0	616
4.0 - 5.0	0	978	0	0	960
5.0 - 7.5	0	2717	1516	0	7539
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	4000	0	0	0
> 20.0	0	0	0	0	0
all sizes	4	820	134	0	2258
estd. no. of households (00)	40	11001	1519	0	9973
no. of sample households	3	451	51	0	356

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Karnataka		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	8	0	0	82
≤ 0.002	0	951	0	0	829
0.002 - 0.005	0	3792	14	0	776
0.005 - 0.040	0	228	25	0	2147
0.040 - 0.5	0	961	0	0	736
0.5 - 1.0	0	397	0	0	1084
1.0 - 2.0	0	1125	5	0	720
2.0 - 3.0	0	537	60	0	1199
3.0 - 4.0	0	232	0	0	927
4.0 - 5.0	0	469	18	0	862
5.0 - 7.5	0	755	282	56	831
7.5 - 10.0	0	567	0	0	1166
10.0 - 20.0	0	472	0	0	1107
> 20.0	0	0	1759	0	0
all sizes	0	552	14	1	698
estd. no. of households (00)	0	6416	258	31	8541
no. of sample households	0	201	10	1	254

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	16	0	0	274
≤ 0.002	0	0	0	0	7000
0.002 - 0.005	0	248	0	0	0
0.005 - 0.040	0	294	0	45	1741
0.040 - 0.5	5	175	0	15	1469
0.5 - 1.0	0	253	0	119	7674
1.0 - 2.0	0	181	0	0	1932
2.0 - 3.0	0	0	0	0	2678
3.0 - 4.0	0	168	0	0	4263
4.0 - 5.0	0	0	0	0	3040
5.0 - 7.5	0	0	0	0	907
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	2	128	0	18	1488
estd. no. of households (00)	27	2740	0	231	12365
no. of sample households	1	115	0	7	530

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Madhya Pradesh		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	25	0	0	34
≤ 0.002	0	1128	0	0	178
0.002 - 0.005	0	675	1	0	121
0.005 - 0.040	77	891	190	0	520
0.040 - 0.5	0	477	2	0	619
0.5 - 1.0	4	666	22	0	508
1.0 - 2.0	3	659	16	0	404
2.0 - 3.0	15	496	0	0	1118
3.0 - 4.0	2	245	25	0	528
4.0 - 5.0	14	1227	1	0	256
5.0 - 7.5	24	454	8	0	697
7.5 - 10.0	0	27	0	0	2
10.0 - 20.0	0	119	0	0	344
> 20.0	0	301	0	0	0
all sizes	7	474	17	0	407
estd. no. of households (00)	318	11907	455	0	6028
no. of sample households	12	337	11	0	182

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Maharashtra		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	21	0	0	132
≤ 0.002	0	903	0	##	3421
0.002 - 0.005	0	1650	851	0	797
0.005 - 0.040	0	1479	131	0	1556
0.040 - 0.5	0	294	0	0	1349
0.5 - 1.0	1	709	0	0	1384
1.0 - 2.0	1	755	0	0	997
2.0 - 3.0	0	1297	0	0	1229
3.0 - 4.0	0	250	0	0	1145
4.0 - 5.0	39	584	0	0	1052
5.0 - 7.5	0	548	35	0	2142
7.5 - 10.0	0	678	0	0	1107
10.0 - 20.0	0	867	0	0	581
> 20.0	0	2472	0	0	2046
all sizes	1	506	32	2	844
estd. no. of households (00)	98	15940	234	72	15578
no. of sample households	5	474	3	1	486

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	0	15	0	942
≤ 0.002	0	0	0	0	0
0.002 - 0.005	0	0	42	0	18128
0.005 - 0.040	0	0	269	0	8491
0.040 - 0.5	0	67	560	2	9117
0.5 - 1.0	0	166	710	0	11078
1.0 - 2.0	0	95	1081	0	14777
2.0 - 3.0	0	0	255	0	9520
3.0 - 4.0	0	0	136	0	11022
4.0 - 5.0	0	20000	6000	0	140000
5.0 - 7.5	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	0	123	594	1	9587
estd. no. of households (00)	0	60	610	0	1564
no. of sample households	0	20	234	1	598

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Meghalaya		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	24	15	0	1547
≤ 0.002	0	0	0	0	0
0.002 - 0.005	0	2648	132	0	9632
0.005 - 0.040	0	267	736	0	5557
0.040 - 0.5	0	141	474	0	7864
0.5 - 1.0	0	258	764	0	10637
1.0 - 2.0	6	622	781	0	11791
2.0 - 3.0	0	784	1146	0	16078
3.0 - 4.0	0	1094	1209	0	14597
4.0 - 5.0	0	809	1758	0	21046
5.0 - 7.5	0	51	447	0	8887
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	1	338	603	0	8951
estd. no. of households (00)	4	367	933	0	2290
no. of sample households	3	75	199	0	466

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	0	87	0	1718
≤ 0.002	0	0	1000	0	28000
0.002 - 0.005	0	32	1042	0	21663
0.005 - 0.040	0	0	1159	0	21828
0.040 - 0.5	0	4	598	0	6822
0.5 - 1.0	0	68	421	0	10301
1.0 - 2.0	447	230	1334	0	14665
2.0 - 3.0	74	512	1305	0	13453
3.0 - 4.0	0	2712	2418	0	23343
4.0 - 5.0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0
7.5 - 10.0	0	0	0	0	5000
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	2000	0	44000
all sizes	112	180	850	0	11781
estd. no. of households (00)	13	36	435	0	594
no. of sample households	4	16	215	0	305

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	0	0	0	761
≤ 0.002	0	0	0	0	0
0.002 - 0.005	0	0	445	13	6132
0.005 - 0.040	0	0	414	0	9908
0.040 - 0.5	0	38	708	36	9456
0.5 - 1.0	0	23	1490	156	14161
1.0 - 2.0	0	140	1550	151	11468
2.0 - 3.0	0	796	2227	144	17101
3.0 - 4.0	0	0	2019	696	16335
4.0 - 5.0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	0	90	1204	121	11020
estd. no. of households (00)	0	28	514	34	746
no. of sample households	0	11	209	12	287

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	2	2	0	156
≤ 0.002	0	112	0	0	1921
0.002 - 0.005	0	1527	67	0	850
0.005 - 0.040	0	628	66	0	2402
0.040 - 0.5	0	475	5	0	1796
0.5 - 1.0	0	660	36	0	1957
1.0 - 2.0	0	958	37	3	2310
2.0 - 3.0	0	610	79	0	3443
3.0 - 4.0	0	1943	0	0	2926
4.0 - 5.0	0	0	0	0	0
5.0 - 7.5	0	750	0	0	2172
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	4000
> 20.0	0	0	0	0	0
all sizes	0	477	19	0	1511
estd. no. of households (00)	0	8699	644	5	15976
no. of sample households	0	254	18	1	428

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	14	0	0	0	0
≤ 0.002	0	0	0	0	0
0.002 - 0.005	0	284	17	0	525
0.005 - 0.040	12	394	0	0	193
0.040 - 0.5	33	87	0	0	98
0.5 - 1.0	0	93	0	0	169
1.0 - 2.0	0	36	0	0	355
2.0 - 3.0	0	51	0	0	369
3.0 - 4.0	0	92	0	0	472
4.0 - 5.0	0	0	0	0	127
5.0 - 7.5	0	7	0	0	956
7.5 - 10.0	0	36	0	0	1980
10.0 - 20.0	0	0	0	0	103109
> 20.0	0	0	0	0	0
all sizes	10	138	1	0	1375
estd. no. of households (00)	242	793	5	0	969
no. of sample households	8	36	1	0	49

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Rajasthan	rural				
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	56	2	0	6
≤ 0.002	90	1922	0	0	149
0.002 - 0.005	5	3674	0	0	413
0.005 - 0.040	17	3003	33	36	814
0.040 - 0.5	35	2722	0	0	436
0.5 - 1.0	37	3965	0	0	419
1.0 - 2.0	51	2105	0	0	150
2.0 - 3.0	46	2912	0	0	31
3.0 - 4.0	38	2571	0	0	368
4.0 - 5.0	53	1944	0	0	28
5.0 - 7.5	99	6050	0	0	1
7.5 - 10.0	210	3627	0	0	6
10.0 - 20.0	215	7989	0	0	38
> 20.0	985	24655	0	0	0
all sizes	52	2991	1	1	239
estd. no. of households (00)	2718	29139	33	23	3203
no. of sample households	95	964	2	1	99

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Sikkim		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	0	0	0	50
≤ 0.002	0	1866	67	0	2518
0.002 - 0.005	0	3766	54	0	1348
0.005 - 0.040	10	1288	410	0	2457
0.040 - 0.5	0	824	262	0	4311
0.5 - 1.0	0	1540	327	1	6142
1.0 - 2.0	0	1065	327	0	7392
2.0 - 3.0	0	1103	287	0	8681
3.0 - 4.0	0	1250	72	0	8961
4.0 - 5.0	0	2500	1500	0	5750
5.0 - 7.5	0	2300	1429	0	6392
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	0	891	215	0	3809
estd. no. of households (00)	0	240	135	0	383
no. of sample households	1	182	105	1	286

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Tamil Nadu		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	9	0	0	117
≤ 0.002	0	903	0	0	301
0.002 - 0.005	10	2960	42	0	2437
0.005 - 0.040	5	2391	28	0	1047
0.040 - 0.5	0	733	0	19	3229
0.5 - 1.0	0	1198	0	0	905
1.0 - 2.0	1	1243	0	0	3990
2.0 - 3.0	0	1022	0	0	1697
3.0 - 4.0	0	2215	0	0	4622
4.0 - 5.0	0	11877	0	0	401
5.0 - 7.5	0	1715	0	0	4328
7.5 - 10.0	0	3385	0	0	6162
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	7000
all sizes	1	662	3	3	1075
estd. no. of households (00)	46	12370	109	39	12459
no. of sample households	3	377	4	1	451

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Tripura		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	0	10	12	0	410
≤ 0.002	0	13	0	0	5942
0.002 - 0.005	0	370	391	0	7924
0.005 - 0.040	0	1125	225	0	4663
0.040 - 0.5	0	633	253	0	6223
0.5 - 1.0	0	551	582	15	6331
1.0 - 2.0	0	744	118	0	7281
2.0 - 3.0	0	0	0	0	1382
3.0 - 4.0	0	4000	0	0	10000
4.0 - 5.0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	0	477	220	2	4413
estd. no. of households (00)	0	1005	706	2	3048
no. of sample households	0	167	113	1	505

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Uttar Pradesh		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	19	39	2	0	21
≤ 0.002	0	808	0	0	90
0.002 - 0.005	60	932	130	0	198
0.005 - 0.040	25	748	99	0	265
0.040 - 0.5	5	606	31	0	172
0.5 - 1.0	1	668	45	0	141
1.0 - 2.0	1	557	5	0	148
2.0 - 3.0	0	659	0	0	68
3.0 - 4.0	1	508	0	0	92
4.0 - 5.0	13	481	0	0	127
5.0 - 7.5	62	784	0	2	64
7.5 - 10.0	0	12	0	0	12
10.0 - 20.0	88	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	10	531	31	0	137
estd. no. of households (00)	1195	43635	1282	4	8269
no. of sample households	32	1270	32	1	240

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

Uttaranchal	rural				
	no. per 1000 households of				
size class of operational holding (ha)	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	4	42	0	0	36
≤ 0.002	0	0	0	0	0
0.002 - 0.005	0	0	0	0	1998
0.005 - 0.040	0	22	0	0	0
0.040 - 0.5	0	1159	3	0	569
0.5 - 1.0	239	2062	0	0	1069
1.0 - 2.0	0	1895	0	0	130
2.0 - 3.0	0	80	0	0	0
3.0 - 4.0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0
5.0 - 7.5	0	0	0	0	0
7.5 - 10.0	0	0	0	0	0
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	47	1077	1	0	505
estd. no. of households (00)	95	2151	7	0	722
no. of sample households	2	72	1	0	20

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

West Bengal		rural			
size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	1	45	1	0	316
≤ 0.002	0	1378	883	0	4632
0.002 - 0.005	0	1228	66	0	2890
0.005 - 0.040	0	817	181	0	4184
0.040 - 0.5	0	637	14	4	2518
0.5 - 1.0	3	953	70	3	3191
1.0 - 2.0	1	999	43	5	4382
2.0 - 3.0	0	1737	0	0	4993
3.0 - 4.0	0	1306	0	0	4367
4.0 - 5.0	0	93	0	0	3238
5.0 - 7.5	0	133	0	0	2961
7.5 - 10.0	0	0	0	0	6426
10.0 - 20.0	0	0	0	0	0
> 20.0	0	0	0	0	0
all sizes	1	565	39	2	2267
estd. no. of households (00)	48	26668	1965	89	40156
no. of sample households	3	857	56	3	1348

Table 5R: Number of large heads of non-bovine livestock, ovines, pigs, rabbits and poultry owned per 1000 households for each size class of household operational holding

size class of operational holding (ha)	no. per 1000 households of				
	large heads other than cattle and buffalo	sheep and goat	pigs	rabbits	poultry
(1)	(2)	(3)	(4)	(5)	(6)
nil	3	20	1	0	148
≤ 0.002	8	980	97	19	1128
0.002 - 0.005	24	1376	135	0	1018
0.005 - 0.040	15	1101	93	3	1723
0.040 - 0.5	5	649	32	3	1557
0.5 - 1.0	9	915	51	3	1866
1.0 - 2.0	21	899	35	1	1906
2.0 - 3.0	17	1052	31	0	1409
3.0 - 4.0	15	841	23	1	1226
4.0 - 5.0	25	1630	18	0	943
5.0 - 7.5	48	1846	51	4	5517
7.5 - 10.0	46	955	4	0	832
10.0 - 20.0	129	3363	0	0	5209
> 20.0	388	9939	179	0	401
all sizes	10	642	33	2	1232
estd. no. of households (00)	8055	224875	16282	675	218274
no. of sample households	459	8206	1827	45	10642

Table N: Percentage of households in each size class of household operational holding

all-India						
size class of household operational holding (ha)	percentage of households		estd. no. of households (00)		no. of sample households	
	rural	urban	rural	urban	rural	urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)
nil	31.18	89.09	460890	494501	14003	25796
≤ 0.002	0.76	0.49	11174	2726	365	148
0.002 - 0.005	2.80	0.87	41467	4842	1981	301
0.005 - 0.040	7.02	3.40	103835	18864	2607	1148
0.040 - 0.5	23.55	2.97	348203	16461	10644	1248
0.5 - 1.0	13.76	1.04	203362	5778	7236	455
1.0 - 2.0	11.22	1.01	165937	5586	7988	360
2.0 - 3.0	4.40	0.38	65099	2123	3100	161
3.0 - 4.0	1.83	0.25	26986	1402	1410	78
4.0 - 5.0	1.33	0.15	19613	848	1224	63
5.0 - 7.5	1.19	0.17	17556	938	990	66
7.5 - 10.0	0.42	0.08	6151	437	359	25
10.0 - 20.0	0.47	0.08	7022	449	308	36
> 20.0	0.07	0.02	1081	119	50	8
all classes	100.00	100.00	1478376	555075	52265	29893

Table N-E: Estimated number of households (00) in rural areas of 27 States by size class of household operational holding

size class of operational holding (ha)	estimated number of households (00) in rural areas of													
	AP	ARP	ASM	BIH	CHH	GUJ	HAR	HP	J&K	JHK	KTK	KRL	MP	MAH
nil	75616	213	7324	33824	6159	21340	10016	2474	768	6445	22233	19272	21331	44527
≤ 0.002	106	54	4	2024	242	604	212	5	2	89	1668	1	1256	1095
0.002 - 0.005	1252	57	503	5588	773	4368	1743	34	20	950	1397	2	5510	3484
0.005 - 0.040	5819	60	3332	9387	1358	2908	6036	280	240	1651	3898	4260	4559	5142
0.040 - 0.5	19416	257	13027	36730	6592	9635	3707	4827	4819	15099	11329	20494	11956	12269
0.5 - 1.0	13995	187	8926	15646	7078	6927	2355	2400	2248	6493	9418	3366	13212	14333
1.0 - 2.0	13779	378	6278	9434	7204	7164	2888	1368	1538	4439	9771	1905	16755	15665
2.0 - 3.0	6094	156	1370	2457	3833	3212	1764	330	447	959	4707	285	7068	10137
3.0 - 4.0	1922	89	227	837	1167	1423	838	160	149	301	1596	208	5165	4040
4.0 - 5.0	2378	42	74	454	904	1480	747	28	75	199	1875	103	2585	3355
5.0 - 7.5	616	17	124	215	715	1829	670	28	76	185	1121	35	2593	2465
7.5 - 10.0	674	10	15	116	95	783	306	16	18	0	387	14	996	757
10.0 - 20.0	585	0	0	140	198	779	129	12	0	33	403	0	945	826
> 20.0	157	0	0	0	0	0	60	0	21	0	105	0	109	81
all sizes	142409	1519	41204	116853	36316	62452	31472	11961	10418	36845	69908	49944	94039	118177

contd.....

Table N-E (contd.): Estimated number of households (00) in rural areas of 27 States by size class of household operational holding

size class of operational holding (ha)	estimated number of households (00) in rural areas of													
	MAN	MEG	MIZ	NAG	ORS	PUN	RAJ	SIK	TN	TRP	UP	UTL	WB	IND
nil	366	654	46	90	17747	9499	9812	235	63188	1781	39807	2134	37458	460890
≤ 0.002	0	0	0	0	483	125	986	1	187	13	1715	24	273	11174
0.002 - 0.005	8	31	39	63	1266	1158	1693	19	2214	86	6990	82	2067	41467
0.005 - 0.040	79	88	39	20	3335	7991	2595	30	9450	514	17195	866	12462	103835
0.040 - 0.5	1009	662	210	152	21164	2339	11706	219	15962	2586	71692	5647	43784	348203
0.5 - 1.0	817	946	261	308	11635	1735	12790	206	8325	816	40065	2323	16306	203362
1.0 - 2.0	355	632	220	270	7471	2343	11129	81	6368	166	29782	751	7633	165937
2.0 - 3.0	43	182	99	47	1948	1960	6171	13	2400	26	7767	106	1468	65099
3.0 - 4.0	2	103	18	23	582	717	3438	3	761	6	2847	0	361	26986
4.0 - 5.0	5	48	0	0	224	591	2211	1	655	0	1464	0	108	19613
5.0 - 7.5	0	56	0	0	307	593	3851	3	307	0	1674	25	49	17556
7.5 - 10.0	0	0	5	0	14	401	996	0	313	0	205	0	32	6151
10.0 - 20.0	0	0	0	0	25	340	2371	0	41	0	195	0	0	7022
> 20.0	0	0	4	0	0	53	426	0	11	0	52	0	0	1081
all sizes	2685	3401	942	973	66199	29847	70174	812	110182	5994	221449	11959	122002	1478376

Table N-S: Number of households surveyed in rural areas of 27 States by size class of household operational holding

size class of operational holding (ha)	number of households surveyed in rural areas of													
	AP	ARP	ASM	BIH	CHH	GUJ	HAR	HP	J&K	JHK	KTK	KRL	MP	MAH
nil	1468	53	358	1067	228	352	199	207	75	274	571	896	520	1026
≤ 0.002	7	14	2	50	10	12	9	3	1	4	34	1	39	24
0.002 - 0.005	56	27	95	215	47	78	83	8	4	65	48	3	106	104
0.005 - 0.040	103	11	126	252	28	42	111	22	24	47	42	142	87	96
0.040 - 0.5	441	76	585	1031	138	150	76	387	354	453	235	699	173	216
0.5 - 1.0	351	80	426	513	167	178	80	221	223	200	268	291	254	394
1.0 - 2.0	475	146	478	627	172	182	99	213	161	273	262	151	464	472
2.0 - 3.0	287	68	99	136	135	92	90	63	48	64	221	26	191	264
3.0 - 4.0	92	21	18	42	66	85	61	14	15	14	114	10	141	210
4.0 - 5.0	80	16	7	21	53	66	45	6	9	13	117	5	197	235
5.0 - 7.5	30	7	5	16	38	64	45	6	2	9	61	5	158	165
7.5 - 10.0	21	4	1	6	7	22	17	1	2	0	24	1	64	59
10.0 - 20.0	18	0	0	4	9	20	10	1	0	1	25	0	52	55
> 20.0	2	0	0	0	0	0	5	0	1	0	3	0	8	8
all sizes	3431	523	2200	3980	1098	1343	930	1152	919	1417	2025	2230	2454	3328

contd.....

Table N-S (contd.): Number of households surveyed in rural areas of 27 States by size class of household operational holding

size class of operational holding (ha)	number of households surveyed in rural areas of													
	MAN	MEG	MIZ	NAG	ORS	PUN	RAJ	SIK	TN	TRP	UP	UTL	WB	IND
nil	133	141	74	44	512	404	471	148	1504	328	1372	67	1161	14003
≤ 0.002	0	0	1	0	12	5	43	4	8	6	62	2	11	365
0.002 - 0.005	11	11	32	33	56	84	133	13	85	46	358	8	159	1981
0.005 - 0.040	31	17	20	4	67	231	83	15	208	48	368	23	309	2607
0.040 - 0.5	393	152	124	70	504	88	246	100	443	316	1729	177	1151	10644
0.5 - 1.0	197	183	129	113	265	54	324	137	302	210	958	91	564	7236
1.0 - 2.0	199	157	122	99	332	93	494	96	412	60	1136	41	506	7988
2.0 - 3.0	20	33	27	15	130	113	197	44	141	9	449	6	103	3100
3.0 - 4.0	3	19	5	6	37	58	127	11	38	1	166	0	31	1410
4.0 - 5.0	1	10	0	0	10	50	161	2	35	0	70	0	7	1224
5.0 - 7.5	1	8	0	0	12	48	201	6	17	0	75	1	7	990
7.5 - 10.0	0	0	1	0	1	34	69	0	11	0	10	0	3	359
10.0 - 20.0	0	0	0	0	1	26	72	0	3	0	11	0	0	308
> 20.0	0	0	1	0	0	3	17	0	1	0	1	0	0	50
all sizes	989	731	536	384	1939	1291	2638	576	3208	1024	6765	416	4012	52265

Sample Design and Estimation Procedure

1. Geographical coverage: The survey covered the whole of the Indian Union *except* (i) Leh (Ladakh) and Kargil districts of Jammu & Kashmir, (ii) interior villages of Nagaland situated beyond five kilometres of the bus route and (iii) villages in Andaman and Nicobar Islands which remain inaccessible throughout the year.

2. Period of survey: The survey period of this round was January to December 2003.

3. Visits: There were four subjects of enquiry in the 59th round of NSS: Land and Livestock Holdings, Debt and Investment, Consumer Expenditure, and Situation Assessment Survey (SAS) of Farmers. With the exception of consumer expenditure, all the enquiries required two visits to each sample household for collection of data: one during January to August and the other during September to December. Accordingly, each sample first-stage unit (village or block) was visited twice by the investigator to whom it was allotted. A small proportion of households could not be surveyed a second time due to varying reasons; for these, only one set of data could be collected. Some items of information were in any case collected in the first visit only; these included general household characteristics, age, sex, educational level and other characteristics of household members. Also, importantly, information on livestock owned was collected only in the first visit. The field work during the first visit included the canvassing of the listing schedule (Sch. 0.0) and selection of the sample households.

4. Sub-rounds: The survey period of the round was divided into two sub-rounds. Sub-round one consisted of the first half of the survey period of each visit while sub-round two consisted of the remaining period. Equal numbers of sample villages/blocks were allotted to each sub-round and a village/block was normally surveyed in the sub-round to which it was allotted. Because of arduous field conditions, this restriction was not strictly enforced in Andaman and Nicobar Islands, Lakshadweep, and rural areas of Arunachal Pradesh and Nagaland.

5. Participation of States: All the States and Union Territories except Andaman & Nicobar Islands, Dadra & Nagar Haveli and Lakshadweep participated at least on an equal matching basis. The following was the matching pattern of the participating States/UTs.

Nagaland (Urban)	: triple
J & K , Manipur & Delhi	: double
Goa, Maharashtra (Urban)	: one and half
Remaining States/UTs	: equal

6. Sample design

6.1 Broad design: A stratified multi-stage design was adopted for the 59th round survey. The first-stage units (FSU) were the census villages (*panchayat* wards in Kerala) in the rural sector and UFS blocks in the urban sector. In both sectors, the ultimate stage units were households. In large villages/ blocks, an intermediate stage unit called hamlet-group/ sub-block was also involved.

6.2 Sampling frame for first-stage units: The list of villages (*panchayat* wards for Kerala) as per Population Census 1991 was used as sampling frame in rural areas; for urban areas, the latest UFS frame was used.

6.3 Stratification

6.3.1 **Rural Sector:** Two *special strata* were formed at the State/ UT level:

Stratum 1: all FSU's with population between 0 to 50 and

Stratum 2: FSU's with population more than 15,000.

6.3.1.1 Special stratum 1 was formed whenever at least 50 such FSU's were found in a State/UT. Similarly, special stratum 2 was formed if at least 4 such FSU's were found in a State/UT. Otherwise, such FSU's were merged with the general strata.

6.3.1.2 From FSU's other than those covered under special strata 1 & 2, *general strata* were formed, their numbering starting from 3 onwards. Each district of a State/UT was normally treated as a separate stratum. However, if the census rural population of the district was greater than or equal to 2 million as per Population Census 1991 or 2.5 million as per Population Census 2001, the district was split into two or more strata by grouping contiguous tehsils. However, in Gujarat, some districts were not wholly included in an NSS region. In such cases, the part of the district falling in each NSS region constituted a separate stratum.

6.3.2 **Urban Sector:** In the urban sector, strata were formed within each NSS region on the basis of size class of towns as per Population Census 2001. The stratum numbers and their composition (within each region) are given below.

stratum 1 :	all towns with population less than 50,000
stratum 2 :	all towns with population 50,000 or more but less than 2 lakhs
stratum 3 :	all towns with population 2 lakhs or more but less than 10 lakhs
stratum 4, 5, 6,... :	each city with population 10 lakhs or more

The stratum numbers remained as above even if, in some regions, some of the strata did not exist.

6.4 Total sample size (FSU's): 6760 villages and 3824 urban blocks were allocated at all-India level for the Central sample. Ultimately, 6638 villages and 3764 urban blocks were surveyed. In all 82158 households were interviewed.

6.5 Allocation of total sample to States and UTs: The total number of sample FSU's was allocated to the States and UTs in proportion to provisional population as per Census 2001 subject to the availability of investigators, so as to ensure more or less uniform workload.

6.5.1 Allocation of State/UT level sample to rural and urban sectors: State/UT level sample size was allocated between the rural and urban sectors in proportion to provisional population as per Census 2001 with 1.5 weightage to the urban sector subject to the restriction that urban sample size for bigger States like Maharashtra, Tamil Nadu, etc. would not exceed the rural sample size. The earlier practice of giving double weightage to urban sector was modified considering the fact that two important subjects of enquiry (Land and Livestock Holdings and Situation Assessment Survey of Farmers) were rural-based and there had been considerable growth in urban population over the years. More FSU's were, however, allocated to the rural sector of Meghalaya state sample at the request of the DES, Meghalaya.

6.5.2 Allocation to strata: Within the rural area of a State/UT, the sample size was allocated to the different strata in proportion to the stratum population as per Census 2001. Allocations at stratum level were adjusted to a multiple of 2 with a minimum sample size of 2. However, a multiple of 4 FSU's was allocated to a stratum wherever possible.

6.6 Selection of FSU's: In all the strata except for stratum 1, FSU's were selected with Probability Proportional to Size With Replacement (PPSWR), size being the population as per Population Census 1991. In stratum 1 of the rural sector and in all the strata of the urban sector, selection was done using Simple Random Sampling Without Replacement (SRSWOR). Samples were drawn in the form of two independent sub-samples in both rural and urban sectors.

6.7 Selection of hamlet-groups and households

6.7.1 Formation of hamlet-groups/ sub-blocks: Large villages/blocks having approximate present population 1200 or more were divided into a suitable number of hamlet-groups/sub-blocks (h-g's/ s-b's) as shown below:

approx. present population of sample FSU	no. of hamlet-groups/ sub-blocks formed
less than 1200	1*
1200 to 1799	3
1800 to 2399	4
2400 to 2999	5
3000 to 3599	6
... and so on	...

*(i.e., no h-g/ s-b formation)

6.7.2 For rural areas of Himachal Pradesh, Sikkim and Nagaland, and Poonch, Rajouri, Udhampur and Doda districts of Jammu and Kashmir, the number of hamlet-groups formed was as follows:

approx. present population of sample FSU	no. of hamlet-groups/ sub-blocks formed
less than 600	1*
600 to 899	3
900 to 1199	4
1200 to 1499	5
... and so on	...

*(i.e., no h-g/ s-b formation)

6.7.3 Hamlet-groups/ sub-blocks were formed by more or less equalising population. Two hamlet-groups/ sub-blocks were selected from a large village/ block by SRSWOR. Listing and selection of the households was done independently in the two selected hamlet-groups/ sub-blocks so formed.

6.8 Formation of second-stage strata (SSS):

6.8.1 Rural

6.8.1.1 From the data of NSS 48th round, households having land area 0.005 hectares or more were considered. Two cut-off points, X and Y, were determined at State/UT level in such a way that 40% of these households possessed land area less than X, 40% possessed land area between X & Y and 20% possessed land area greater than Y.

6.8.1.2 For the land and livestock holdings survey of the 59th round, four second-stage strata (SSS) were formed in the rural sector as follows:

- SSS 1: households with land less than 0.005 hectare
- SSS 2: households with land equal to or more than 0.005 hectares but less than X
- SSS 3: households with land equal to or more than X but less than Y
- SSS 4: households with land equal to or more than Y

6.8.2 Urban

6.8.2.1 Four second-stage strata (SSS) were formed as follows: First, three cut-off points, viz. A, B & C, at State/UT level were determined using NSS 55th round data in such a way that 30% of the households had MPCE less than A, 30% had MPCE more than or equal to A but less than B, 30% had MPCE more than or equal to B but less than C and the remaining 10% of the households had MPCE more than or equal to C.

6.8.2.2 The SSS for Sch. 18.1 in the urban sector were as follows:

- SSS 1: households with MPCE less than A
- SSS 2: households with MPCE equal to or more than A but less than B
- SSS 3: households with MPCE equal to or more than B but less than C
- SSS 4: households with MPCE equal to or more than C

6.9 Allocation and selection of sample households: Eight sample households were allocated to each sample FSU. In case of no hamlet-group formation, two households were selected from each of the four second-stage strata. In case of hamlet-group formation, one household was selected from each SSS of each hamlet-group. Sample households were selected by SRSWOR in each SSS of each hamlet-group.

7. Estimation procedure

7.1 Notations:

s = subscript for stratum

m = subscript for sub-sample (m =1, 2)

i = subscript for FSU

d = subscript for a hamlet-group (d = 1, 2)

j = subscript for second-stage stratum of an FSU/ h-g/ s-b

k = subscript for sample household of a particular second-stage stratum within an FSU/ h-g/ s-b

D = total number of h-g's formed in the sample FSU

$D^* = 1$ if $D = 1$

$= D \div 2$ for FSU's with $D > 1$

N = total number of FSU's in stratum 1

Z = total size of a stratum other than stratum 1 (= sum of sizes for all the FSU's of a stratum other than stratum 1)

z = size of sample FSU used for selection.

n = number of sample FSU's surveyed including zero cases but excluding casualty for a particular sub-sample and stratum.

H = total number of households listed in a second-stage stratum of a h-g/s-b of the sample FSU

h = number of households surveyed in a second-stage stratum of a h-g/s-b of the sample FSU

x, y = observed value of characteristics x, y under estimation

\hat{X} , \hat{Y} = estimate of population total X, Y for the characteristics x, y.

In terms of the above symbols,

y_{smidjk} = observed value of the characteristic y for the kth household in the jth second stage stratum of the dth h-g (d = 1, 2) of the ith FSU belonging to the mth sub-sample for the sth stratum.

However, for ease of understanding, a few symbols have been suppressed in following paragraphs where they are obvious.

7.2 Formulae for estimation of aggregates for a particular sub-sample and stratum:

Rural:

Estimation formula for stratum 1:

(i) For households selected in jth second stage stratum (j=1, 2, 3 or 4):

$$\hat{Y}_j = \frac{N}{n_j} \sum_{i=1}^{n_j} D_i^* \left[\frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right]$$

(ii) For all selected households:

$$\hat{Y} = \sum_j \hat{Y}_j$$

(b) Estimation formula for other strata:

(i) For households selected in jth second stage stratum (j=1,2,3 or 4):

$$\hat{Y}_j = \frac{Z}{n_j} \sum_{i=1}^{n_j} \frac{1}{z_i} D_i^* \left[\frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right]$$

(ii) For all selected households:

$$\hat{Y} = \sum_j \hat{Y}_j$$

Urban:

(a) Estimation formula for a stratum:

(i) For households selected in j-th second stage stratum:

$$\hat{Y}_j = \frac{N}{n_j} \sum_{i=1}^{n_j} D_i^* \left[\frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right]$$

(ii) For all selected households:

$$\hat{Y} = \sum_j \hat{Y}_j$$

(iii) *Estimates in respect of joint operational holdings:* In the case of joint operational holdings operated by the sample household jointly with other household(s), the value of a characteristic of the operational holding is first multiplied by the percentage share of land of the sample household(s) and then the higher estimates are built up.

7.3 Overall estimate of aggregates for a stratum:

Overall estimate for an aggregate for a stratum (\hat{Y}_s) based on two sub-samples is obtained as:

$$\hat{Y}_s = \frac{1}{2} \sum_{m=1}^2 \hat{Y}_{sm}$$

7.3.1 Overall estimate of aggregates at State/UT/all-India level:

The overall estimate \hat{Y} at the State/ UT/ all-India level is obtained by summing the stratum estimates \hat{Y}_s over all strata belonging to the State/ UT/ all-India.

7.4 Estimates of ratios:

Let \hat{Y} and \hat{X} be the overall estimate of the aggregates Y and X for two characteristics y and x respectively at the State/ UT/ all-India level.

Then the combined ratio estimate (\hat{R}) of the ratio ($R = \frac{Y}{X}$) is obtained as

$$\hat{R} = \frac{\hat{Y}}{\hat{X}}$$

7.5 Estimates of Error:

The variances of the above estimates are estimated as follows:

A) For aggregate \hat{Y} :

$$V\hat{a}r(\hat{Y}) = \sum_s V\hat{a}r(\hat{Y}_s)$$

where $V\hat{a}r(\hat{Y}_s)$ are as given below.

a) For strata with PPSWR selection at first stage (i.e. for all rural strata except stratum 1):

$$V\hat{a}r_{ppswr}(\hat{Y}_s) = \sum_j V\hat{a}r(\hat{Y}_{sj})$$

$$\text{where } V\hat{a}r_{ppswr}(\hat{Y}_{sj}) = \frac{1}{n_{sj}(n_{sj} - 1)} \left[\sum_{i=1}^{n_{sj}} \frac{Z_s^2 \hat{Y}_{sij}^2}{z_{si}^2} - n_{sj} \hat{Y}_{sj}^2 \right]$$

$$\hat{Y}_{sij} = D_{si}^* \left[\frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right]$$

b) For strata with SRSWOR selection at first stage (i.e. for rural stratum 1 and all urban strata):

$$V\hat{a}r_{srswor}(\hat{Y}_s) = \frac{1}{4} (\hat{Y}_{s1} - \hat{Y}_{s2})^2$$

where \hat{Y}_{s1} and \hat{Y}_{s2} are the estimates for sub-sample 1 and sub-sample 2 respectively for stratum 's'.

B) For ratio \hat{R} :

$$M\hat{S}E(\hat{R}) = \frac{1}{(\hat{X})^2} \left[\sum_s M\hat{S}E_s(\hat{R}) + \sum_{s'} M\hat{S}E_{s'}(\hat{R}) \right]$$

where s, s' indicate respectively the strata with PPSWR and SRSWOR selection at first stage.

a) For strata with PPSWR selection at first stage (i.e. for all rural strata except stratum 1):

$$M\hat{S}E_s(\hat{R}) = \frac{1}{n_s(n_s - 1)} \sum_{i=1}^{n_s} \left[\frac{Z_s}{z_{si}} (\hat{Y}_{si} - \hat{R}\hat{X}_{si}) - \frac{1}{n_s} \sum_{i=1}^{n_s} \frac{Z_s}{z_{si}} (\hat{Y}_{si} - \hat{R}\hat{X}_{si}) \right]^2$$

where

$$\hat{Y}_{si} = \sum_j \hat{Y}_{sij}, \quad \hat{X}_{si} = \sum_j \hat{X}_{sij},$$

$$\hat{Y}_{sij} = D_{si}^* \left[\frac{H_{si1j}}{h_{si1j}} \sum_{k=1}^{h_{si1j}} y_{si1jk} + \frac{H_{si2j}}{h_{si2j}} \sum_{k=1}^{h_{si2j}} y_{si2jk} \right],$$

$$\hat{X}_{sij} = D_{si}^* \left[\frac{H_{si1j}}{h_{si1j}} \sum_{k=1}^{h_{si1j}} x_{si1jk} + \frac{H_{si2j}}{h_{si2j}} \sum_{k=1}^{h_{si2j}} x_{si2jk} \right]$$

b) For strata with SRSWOR selection at first stage (i.e. for rural stratum 1 and all urban strata):

$$M\hat{S}E_{s'}(\hat{R}) = \frac{1}{4} \left[(\hat{Y}_{s'1} - \hat{Y}_{s'2})^2 + \hat{R}^2 (\hat{X}_{s'1} - \hat{X}_{s'2})^2 - 2\hat{R}(\hat{Y}_{s'1} - \hat{Y}_{s'2})(\hat{X}_{s'1} - \hat{X}_{s'2}) \right]$$

c) Estimates of RSE:

$$R\hat{S}E(\hat{Y}) = \frac{\sqrt{\hat{V}ar(\hat{Y})}}{\hat{Y}} \times 100$$

$$R\hat{S}E(\hat{R}) = \frac{\sqrt{M\hat{S}E(\hat{R})}}{\hat{R}} \times 100$$

7.6 Multipliers:

The formulae for multipliers for a sub-sample are given below:

stratum	formula for multipliers	
	hg / sb 1	hg / sb 2
rural stratum 1 and all urban strata	$\frac{N_s}{n_{smj}} \times D_{smi}^* \times \frac{H_{smi1j}}{h_{smi1j}},$ j = 1, 2, 3, 4	$\frac{N_s}{n_{sm}} \times D_{smi}^* \times \frac{H_{smi2j}}{h_{smi2j}},$ j = 1, 2, 3, 4
rural s ≠ 1	$\frac{Z_s}{n_{sm}} \times \frac{1}{z_{smi}} \times D_{smi}^* \times \frac{H_{smi1j}}{h_{smi1j}},$ j = 1, 2, 3, 4	$\frac{Z_s}{n_{sm}} \times \frac{1}{z_{smi}} \times D_{smi}^* \times \frac{H_{smi2j}}{h_{smi2j}},$ j = 1, 2, 3, 4

Note: (i) For estimating any characteristic for any domain not specifically considered in the sample design, an indicator variable is used.

(ii) Multipliers are computed on the basis of information available in the listing schedule irrespective of any misclassification observed between the listing schedule and detailed enquiry schedule.

7.7 Treatment for zero cases, casualty cases etc.

7.7.1 While counting the number of FSU's surveyed (n_{sm}) in a stratum, all the FSU's with survey codes 1 to 6 in listing schedule 0.0 are considered. In addition, if no household is available in the frame, the FSU is still treated as surveyed. However, if households are available in the frame of the FSU but none of them could be surveyed, then that FSU is treated as casualty.

7.7.2 *Casualty cases:* FSU's with survey code 7 as per listing schedule 0.0 are treated as casualties. In addition to this, an FSU, although surveyed, may have to be treated as casualty for a particular schedule type and a particular *second-stage stratum* as explained in the next paragraph.

7.7.3 FSU's with survey codes 1 and 4 as per listing schedule having number of households in the frame of j^{th} second-stage stratum greater than 0 but number of households surveyed according to data file, considering both h-g/s-b's together, as nil (i.e. $H_{i1j} + H_{i2j} > 0$ but $h_{i1j} + h_{i2j} = 0$) are taken as casualties for j^{th} second-stage stratum.

7.7.4 *All the FSU's with survey codes 1 to 6 as per listing schedule minus the number of casualties as identified above are taken as the number of surveyed FSU's (n_{smj}) for that stratum \times second stage stratum.*

7.7.5 When casualty for j^{th} second stage stratum occurs for a particular h-g/s-b but not for the other h-g/s-b, the FSU is not treated as casualty, but some adjustments in the value of H for the other h-g/s-b are done as follows:

- (i) Suppose for h-g/s-b 1, $H_{i1j} > 0$ but $h_{i1j} = 0$ while for h-g/s-b 2, $H_{i2j} > 0$ and $h_{i2j} > 0$. In that case $D_i^* \times H_{i2j}$ is replaced by $H_{i1j} + D_i^* \times H_{i2j}$ in the formula for multiplier of segment 2.
- (ii) Suppose for h-g/s-b 1, $H_{i1j} > 0$ and $h_{i1j} > 0$ while for h-g/s-b 2, $H_{i2j} > 0$ but $h_{i2j} = 0$. In that case H_{i1j} is replaced by $H_{i1j} + D_i^* \times H_{i2j}$ in the formula for multiplier of h-g/s-b 1.

It may be noted that n_{smj} will be the same for h-g/s-b 1 & 2 of an FSU.

7.8 Treatment in cases of void second-stage strata/sub-strata /strata/NSS region at FSU or household level

7.8.1 A stratum may be void because of the casualty of all the FSU's belonging to the stratum. This may occur in one sub-sample or in both the sub-samples. If it relates to only one sub-sample, then the estimate for the void stratum is replaced with the estimate obtained from the other sub-sample for the same stratum.

7.8.2 When a stratum is void in both the sub-samples, the following procedure is used:

Case (I): Stratum void cases at FSU levels (i.e. all FSU's having survey code 7):

- i) If a stratum, other than stratum 1, is void then it may be merged with a similar stratum within the same NSS region. However, if stratum 1 is void for any State/UT, it is not merged with any other stratum.

ii) If all the strata within an NSS region are void, it is regarded as excluded from the coverage of the survey. The state-level estimates are based on the estimates of NSS regions for which estimates are available.

Case (II): Stratum void case at second-stage stratum level (i.e. all the FSU's are casualties for a particular second-stage stratum):

An FSU may be a casualty for a particular *second-stage stratum* although survey code is not 7. If all the FSU's of a stratum become casualties in this manner for a particular *second-stage stratum*, the stratum becomes void. The adjustment for this type of stratum void case is done according to the following guidelines.

The adjustment is made involving other strata (within NSS region) of the State/UT. Suppose A, B, C, and D are the four strata in the State/UT/Region and stratum C is void for j-th *second stage stratum*. If \hat{Y}_{aj} , \hat{Y}_{bj} and \hat{Y}_{dj} are the aggregate estimates for the strata A, B and D

respectively, then the estimate \hat{Y}_{cj} for stratum C is obtained as $\left(\frac{\hat{Y}_{aj} + \hat{Y}_{bj} + \hat{Y}_{dj}}{Z_a + Z_b + Z_d} \times Z_c \right)$ where Z_a ,

Z_b , Z_c and Z_d are the sizes of strata A, B, C and D respectively.



Appendix C

Schedule 18.1
(Visit 1 and Visit 2)

RURAL	
URBAN	

*

GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY ORGANISATION
SOCIO-ECONOMIC SURVEY
FIFTY-NINTH ROUND : JANUARY - DECEMBER 2003
HOUSEHOLD SCHEDULE 18.1 : LAND AND LIVESTOCK HOLDINGS

CENTRAL	
STATE	

*

VISIT 1

[0] descriptive identification of sample household	
1. state/u.t.:	5. hamlet name:
2. district:	6. ward/inv. unit/block:
3. tehsil/town:	7. name of head of household:
4. village name:	8. name of informant:

[1] identification of sample household									
item no.	item	code			item no.	item	code		
1.	sl. number of sample village/ block				11.	FOD sub-region			
2.	round number	5		9	12.	sample hamlet-group/sub-block number			
					13.	second stage stratum			
3.	schedule number	1	8	1	14.	visit number	1		
4.	sample (central-1, state-2)				15.	sample household number			
5.	sector (rural-1, urban-2)				16.	sl. no. of informant (as in col.1, block 4)			
6.	state-region				17.	response code			
7.	district				18.	survey code			
8.	stratum number				19.	reason for substitution of original household			
9.	sub-round								
10.	sub-sample								

CODES FOR BLOCK 1

item 17: response code : informant: co-operative and capable -1, co-operative but not capable -2, busy -3, reluctant - 4, others - 9.

item 18: survey code : original – 1, substitute – 2, casualty – 3.

item 19: reason for substitution of original household : informant busy -1, members away from home -2, informant non-cooperative -3, others - 9

* tick mark (✓) may be put in the appropriate place.

[2] particulars of field operation												
sl.no.	item	investigator			assistant superintendent			superintendent				
(1)	(2)	(3)			(4)			(5)				
1.	(i) name											
	(ii) code											
2.	date(s) of:	DD	MM	YY	DD	MM	YY	DD	MM	YY		
	(i) survey/ inspection											
	(ii) receipt											
	(iii) scrutiny											
	(iv) despatch											
3.	number of additional sheets attached											
4.	total time taken to canvass the schedule (in minutes)											
5.	signature											

[10] remarks by investigator

[11] remarks by supervisory officer(s)

[3] household characteristics

1.	household size		7.	whether the household possesses homestead land? (yes-1, no-2)	
2.	principal industry (NIC-1998)	description:		8.	area of homestead land (0.000 ha)
		code: (5- digit)			
3.	principal occupation (NCO-1968)	description:		10.	whether the household owns any land other than homestead? (yes-1, no-2)
		code: (3- digit)			
4.	household type (code)		12.	whether the household possesses any operational holding during agricultural year 2002-03? (yes-1, no-2)	
5.	religion (code)		13.	if '1' in item 12	number of operational holdings
6.	social group (code)		14.		number of operational holdings jointly held
				15.	if entry is greater than or equal to 1 in item 14, total no. of partner households

1 Acre = 0.4047 hectare, 1 hectare= 10,000 sq m, 10 sq m =0.001 hectare

CODES FOR BLOCK 3

item 2 : household type:

for rural areas :

self-employed in non-agriculture	1
agricultural labour	2
other labour	3
self employed in agriculture	4
others	9

for urban areas :

self-employed	1
regular wage/salary earning.....	2
casual labour	3
others	9

item 5: religion:

Hinduism	1
Islam	2
Christianity	3
Sikhism	4
Jainism	5
Buddhism	6
Zoroastrianism	7
others	9

item 6: social group: scheduled tribe -1, scheduled caste -2, other backward class -3, others -9.

item 9 : possession type of homestead land: owned -1, leased-in -2, otherwise possessed -3.

CODES FOR BLOCK 5

col.(3): kind of possession:

owned and possessed	1
leased-in	2
leased-out	3
otherwise possessed	4
operated during kharif but neither owned nor possessed on the date of survey...	5

col.(5) whether included in operational holding(s): yes : kharif only- 1, no- 4

col.(6): soil type: sand - 1, loam - 2, silt - 3, light clay - 4, heavy clay - 5, others - 9.

col.(7): type of possession: recorded lease-1, not recorded lease-2, otherwise possessed-3.

col. (8): duration of possession:

less than one agricultural season	1
at least one agricultural season but less than one agricultural year	2
at least one agricultural year but less than two agricultural years	3
at least two agricultural years but less than five agricultural years.....	4
at least five agricultural years but less than twelve agricultural years..	5
twelve agricultural years or more	6

col.(10): type of lessee/lessor:

for rural areas:

farming household: within the sample village	1
other rural areas	2
other rural households.....	3
urban households.....	4
others	9

for urban areas:

farming household: within the sample town	1
other urban areas	2
other urban households	3
rural households	4
others	9

col.(11): terms of lease:

for fixed money	1
for fixed produce	2
for share of produce	3
for service contract	4
for share of produce together with other terms	5
under usufructuary mortgage	6
from relatives under no specified terms	7
under other terms	9

col.(13): land use:

cereals.....	01	fibre crop	11	fallow for the season.....	21
pulses	02	fodder	12	current fallow.....	22
oilseeds	03	dairy	13	land other than current fallow.....	23
mixed crop.....	04	piggery	14	culturable waste.....	24
sugarcane	05	poultry/duckery	15	other water bodies.....	25
other crop	06	fishery	16	other non-agricultural uses.....	26
vegetables	07	bee-keeping	17	others.....	99
orchards.....	08	farming of other animals	18		
plantation.....	10	forests	20		

col. (15): source of irrigation: canal-1, tank-2, tube-well-3, well-4, others-9.

[6] some general information of operational holdings for kharif						
sl. no.	item		operational holding no.			
			1	2	3	4
1.	how operated? (individually -1, jointly-2)					
2.	if jointly	number of partner households				
3.		percentage share of land (in whole number)				
4.	class of area operated (code)					
5.	type of holding (code)					
6.	main use of the holding (code)					
7.	whether activity carried out in the operational holding during kharif (yes-1, no-2)	in homestead land	cultivation in kitchen garden			
8.			livestock keeping			
9.			poultry			
10.			other agricultural production			
11.		outside homestead land	orchards			
12.			plantation			
13.			raising field crops			
14.			pisciculture			
15.			other agricultural production			
16.		no. of parcels in the holding				
17.	no. of permanent attached farm workers during kharif	against wages payable in cash/kind				
18.		against share of produce				

CODES FOR BLOCK 6

item 4: **class of area operated:** 0.000 - 0.400 ha - 1, 0.401 - 1.000 ha - 2, 1.001 - 2.000 ha - 3, 2.001 - 4.000 ha - 4, 4.001 ha - 10.000 -5, 10.001 and above - 6.

item 5: **type of holding:** entirely owned -1, entirely leased-in -2, both owned and leased-in -3, entirely otherwise possessed -4.

item 6: **main use of the holding:**

<i>crop production other than vegetables</i>	1	<i>livestock keeping</i>	6
<i>vegetables</i>	2	<i>poultry raising</i>	7
<i>horticulture crops/orchards</i>	3	<i>pisciculture</i>	8
<i>plantation crop other than forestry plantation</i>	4	<i>others</i>	9
<i>forestry plantation</i>	5		

[7] number of cattle and buffaloes owned on the date of survey												
sl. no.	type of bovine	adult males (over 28 months/3 years)*				adult females (over 28 months / 3 years)*				young stock** (upto 28 months/ 3 years)		total (add cols. 3 to 12)
		for breeding only	for work only	for breeding and work both	others	not calved once	in milk	dry	others	male	female	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	cattle-cross breed											
2.	cattle : non-descript											
3.	buffalo											

* for cross-breed cattle over 28 months; for others over 3 years.

** for cross-breed cattle upto 28 months; for others upto 3 years.

[8] number of other livestock* and poultry* owned on the date of survey																	
horse and pony	other large heads						ovine		pig	rabbit	fowl				chicken	duck	other birds
	mule	donkey	camel	yak	mithun	elephant	sheep	goat			hen		cock				
											deshi	impro-ved	deshi	impro-ved			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)

* including young stock

RURAL	*
URBAN	

GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY ORGANISATION
SOCIO-ECONOMIC SURVEY
FIFTY-NINTH ROUND : JANUARY - DECEMBER 2003
HOUSEHOLD SCHEDULE 18.1 : LAND AND LIVESTOCK HOLDINGS

CENTRAL	*
STATE	

VISIT 2

[0] descriptive identification of sample household	
1. state/u.t.:	5. hamlet name:
2. district:	6. ward/inv. unit/block:
3. tehsil/town:	7. name of head of household:
4. village name:	8. name of informant:

[1] identification of sample household										
item no.	item	code			item no.	item	code			
1.	sl. number of sample village/ block				11.	FOD sub-region				
2.	round number	5		9	12.	sample hamlet-group/sub-block number				
3.	schedule number	1	8	1	13.	second stage stratum				
4.	sample (central-1, state-2)				14.	visit number			2	
5.	sector (rural-1, urban-2)				15.	sample household number				
6.	state-region				16.	sl. no. of informant (as in col.1, block 4 of visit 1)				
7.	district				17.	response code				
8.	stratum number				18.	survey code				
9.	sub-round				19.	reason for casualty of household				
10.	sub-sample				20.	no. of partitioned household, if partitioned after visit 1				

CODES FOR BLOCK 1

item 17: response code : informant: co-operative & capable -1, co-operative but not capable -2, busy -3, reluctant - 4, others - 9.

item 18: survey code : original - 1, casualty - 3.

item 19: reason for casualty of household : informant busy -1, members away from home -2, informant non-co-operative -3, others - 9

* tick mark (✓) may be put in the appropriate place.

[2] particulars of field operation												
sl.no.	item	investigator			assistant superintendent			superintendent				
(1)	(2)	(3)			(4)			(5)				
1.	(i) name											
	(ii)code											
2.	date(s) of:	DD	MM	YY	DD	MM	YY	DD	MM	YY		
	(i) survey/ inspection											
	(ii) receipt											
	(iii) scrutiny											
	(iv) despatch											
3.	no. of additional sheets attached											
4.	total time taken to canvass the schedule (in minutes)											
5.	signature											

[10] remarks by investigator

[11] remarks by supervisory officer(s)

[5] particulars of land of the household as on the date of survey																
sl. no. of plot	survey no. or other identification particulars	kind of possession (code)	area of land (0.000 ha)		operational holding (code)	soil type (code)	if '2', '4' or '5' in col. (3)		if '2' or '3' in col. (3)			if '1', '2', '4' or '5' in col. (3)				
							type of possession (code)	duration of possession (code)	no. of lessor/lessee households	type of lessor/lessee (code)	terms of lease (code)	whether water-logged during rabi? (yes-1, no-2)	land use during rabi (code)	if '01' to '12' in col.(13), whether irrigated? (yes-1, no-2)	if '1' in col. (14), source of irrigation (code)	whether any agricultural production carried out during rabi? (yes-1, no-2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
97	homestead land															
98																
99	grand total															

CODES FOR BLOCK 5

col.(3): kind of possession:

owned and possessed	1
leased-in	2
leased-out	3
otherwise possessed	4
operated during rabi but neither owned nor possessed on the date of survey	5

col.(5): operational holding (code): plot belonging to operational holding number 1 (as in bl.6): A, plot belonging to operational holding number 2 (as in bl.6): B, and so on, ..., plot belonging to no operational holding: N.

col.(7): type of possession: recorded lease-1, not recorded lease-2, otherwise possessed-3.

col. (8): duration of possession:

less than one agricultural season	1
at least one agricultural season but less than one agricultural year.....	2
at least one agricultural year but less than two agricultural years	3
at least two agricultural years but less than five agricultural years.....	4
at least five agricultural years but less than twelve agricultural years ...	5
twelve agricultural years or more	6

col.(10): type of lessee/lessor:

for rural schedule:

farming household: within the sample village	1
other rural areas	2
other rural households.....	3
urban households.....	4
others	9

for urban schedule:

farming household: within the sample village	1
other urban areas	2
other urban households	3
rural households	4
others	9

col.(11): terms of lease:

for fixed money	1
for fixed produce	2
for share of produce	3
for service contract	4
for share of produce together with other terms	5
under usufructuary mortgage	6
from relatives under no specified terms	7
under other terms	9

col.(13): land use:

cereals.....	01	fibre crop	11	fallow for the season.....	21
pulses	02	fodder	12	current fallow.....	22
oilseeds	03	dairy	13	fallow land other than current fallow.....	23
mixed crop.....	04	piggery	14	culturable waste.....	24
sugarcane	05	poultry/duckery	15	other water bodies.....	25
other crop	06	fishery	16	other non-agricultural uses.....	26
vegetables	07	bee-keeping	17	others.....	99
orchards	08	farming of other animals	18		
plantation.....	10	forests	20		

col. (15): source of irrigation: canal-1, tank-2, tube-well-3, well-4, others-9.

[6] some general information of operational holdings for rabi						
sl. no.	item		operational holding no.			
			1	2	3	4
1.	how operated? (individually - 1, jointly - 2)					
2.	if jointly	number of partner households				
3.		percentage share of land (in whole numbers)				
4.	class of area operated (code)					
5.	type of holding (code)					
6.	main use of the holding (code)					
7.	whether activity carried out in the operational holding during rabi (yes-1, no-2)	in homestead land	cultivation in kitchen garden			
8.			livestock keeping			
9.			poultry			
10.			other agricultural production			
11.		outside homestead land	orchards			
12.			plantation			
13.			raising field crops			
14.			pisciculture			
15.			other agricultural production			
16.		no. of parcels in the holding				
17.	no. of permanent attached farm workers during rabi	against wages payable in cash/kind				
18.		against share of produce				

CODES FOR BLOCK 6

item 4: **class of area operated:** 0.000 - 0.400 ha - 1, 0.401 – 1.000 ha - 2, 1.001 - 2.000 ha - 3, 2.001 - 4.000 ha - 4, 4.001 ha - 10.000 -5, 10.001 and above - 6.

item 5: **type of holding:** entirely owned -1, entirely leased-in -2, both owned and leased-in -3, entirely otherwise possessed -4.

item 6: **main use of the holding:**

<i>crop production other than vegetables</i>	1	<i>livestock keeping</i>	6
<i>vegetables</i>	2	<i>poultry raising</i>	7
<i>horticulture crops/orchards</i>	3	<i>pisciculture</i>	8
<i>plantation crop other than forestry plantation</i> ...	4	<i>others</i>	9
<i>forestry plantation</i>	5		

[9] some general information of operational holdings for agricultural year 2002 - 03						
sl. No.	item		operational holding no.			
			1	2	3	4
1.	how operated (individually -1, jointly -2)					
2.	if jointly	number of partner households				
3.		percentage share of land (in whole numbers)				
4.	class of area operated (code)					
5.	type of holding (code)					
6.	main use of the holding (code)					
7.	whether activity carried out in the operational holding during agricultural year 2002 – 03 (yes-1 , no-2)	in homestead land	cultivation in kitchen garden			
8.			livestock keeping			
9.			poultry			
10.			other agricultural production			
11.		outside homestead land	orchards			
12.			plantation			
13.			raising field crops			
14.			pisciculture			
15.			other agricultural production			
16.		area of holding looked after by the household for holders residing elsewhere (0.000 ha)		rural areas		
17.	urban areas					
18.	no. of parcels in the holding					
19.	no. of permanent attached farm workers during the agricultural year 2002 – 03	against wages payable in cash/kind				
20.		against share of produce				

CODES FOR BLOCK 9

item 4: class of area operated: 0.000 – 0.400 ha – 1, 0.401 – 1.000 ha – 2, 1.001 – 2.000 ha – 3, 2.001 – 4.000 ha – 4, 4.001 ha – 10.000 -5, 10.001 and above – 6.

item 5: type of holding: entirely owned -1, entirely leased-in -2, both owned and leased-in -3, entirely otherwise possessed -4.

item 6: main use of the holding:

<i>crop production other than vegetables.....</i>	<i>1</i>	<i>livestock keeping.....</i>	<i>6</i>
<i>vegetables.....</i>	<i>2</i>	<i>poultry raising.....</i>	<i>7</i>
<i>horticulture crops/orchards.....</i>	<i>3</i>	<i>pisciculture.....</i>	<i>8</i>
<i>plantation crop other than forestry plantation.....</i>	<i>4</i>	<i>others</i>	<i>9</i>
<i>forestry plantation.....</i>	<i>5</i>		

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